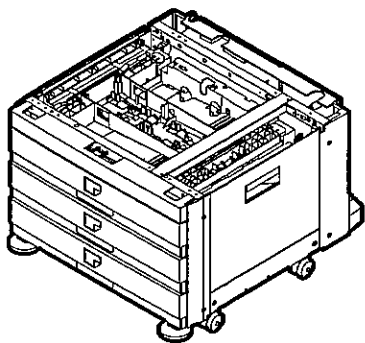


SHARP SERVICE MANUAL

CODE: 00ZARD19//A1E



DIGITAL FULL COLOR COPIER/PRINTER/ MULTIFUNCTIONAL SYSTEM OPTION

AR-D17 (STAND/1 x 500 SHEET PAPER DRAWER) (EXCEPT JAPAN)

AR-D18 (STAND/3 x 500 SHEET PAPER DRAWER)

MODEL AR-D19 (DUPLEX MODULE/2 x 500 SHEET PAPER DRAWER)

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PARTS GUIDE

Parts marked with “△” are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

SHARP CORPORATION

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The contents are subject to change without notice.

[1] SPECIFICATIONS

(1) Paper feed section

1. Type

3-stage trays for paper feed

2. Number of stages for paper feed

AR-D17	1-stage
AR-D18	3-stage
AR-D19	2-stage

3. Paper size

A3/B4/A4/A4R/B5/B5R/A5/EXTRA (11 × 17/8.5 × 14/8.5 × 13/8.5 × 11/8.5 × 11R/8.5 × 5.5/A4/EXTRA)

4. Paper weight

64 – 105g/m ²

5. Paper capacity

500 sheets for each tray (Paper weight: 80g/m ²)
--

6. Paper set

Center reference

7. Paper supply system

Front loading system, supplying from above
--

8. Paper feed system

Paper lick-up system by the take-up roller, torque limiter separation system
--

9. Paper transport speed

117mm/s – 198mm/s (The speed depends on the communication command from the copier.)

10. Paper feed capacity

Full color	25 PPM (A4/LT) (A4 portrait)
Monochrome	32 PPM (A4/LT) (A4 portrait)

11. Tray elevating time

Within 8 sec (for minimum quantity of paper set)
--

12. Drive form

The drive motor (DC brushless motor) and the control PWB are incorporated in the desk.
--

13. Operation control system

Controlled by the communication command from the copier.
--

14. Paper transport path

Paper entry from the lower section of the copier
--

(2) Duplex section (AR-D19 only)

1. Paper size

A3/B4/A4/A4R/B5/B5R/A5/EXTRA (11 × 17/8.5 × 14/8.5 × 13/8.5 × 11/8.5 × 11R/8.5 × 5.5/A4/EXTRA)

2. Paper weight

64 – 200g/m ²

3. Paper transport speed

58.5mm/s (Heavy paper), 117mm/s to 550mm/s (Normal paper)

4. Drive form

Transport drive	Stepping motor (Hybrid type)
Alignment drive	Stepping motor (PM type)

5. Operation control system

Controlled by the communication command from the copier through the desk control PWB.

(3) Common sections

1. Power source

5V and 24V are supplied from the copier.
--

2. Weight

AR-D17	22.5kg (without paper weight)
AR-D18	29.5kg (without paper weight)
AR-D19	31.0kg (without paper weight)

3. Dehumidifier heater

Option

4. External dimensions

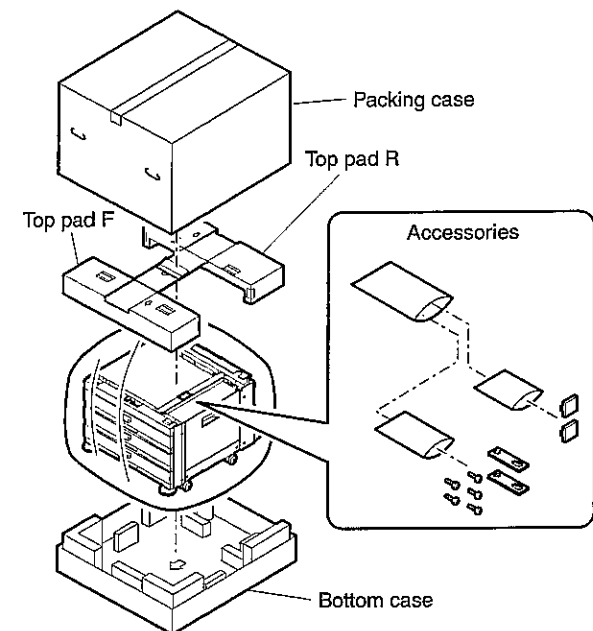
600.0 (W) × 642.0 (D) × 402.7 (H) [mm]
--

5. Power consumption

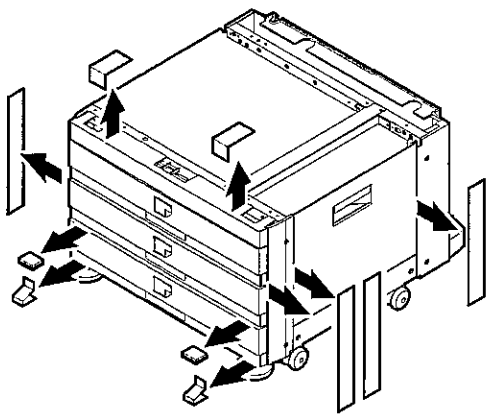
AR-D17	24V: 1.3A/31.2W
	5V: 0.2A/1.0W (without heater)
AR-D18	24V: 1.3A/31.2W
	5V: 0.3A/1.5W (without heater)
AR-D19	24V: 1.4A/33.6W
	5V: 0.4A/2.0W (without heater)

2] UNPACKING AND INSTALLATION

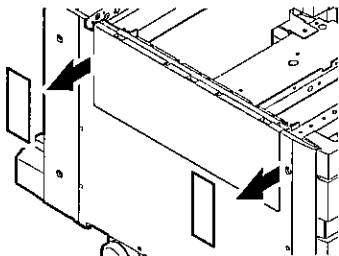
1. Unpacking



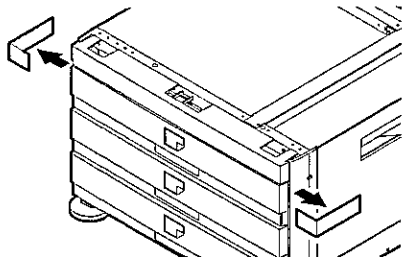
Remove the protection pad.



R-D17/D18

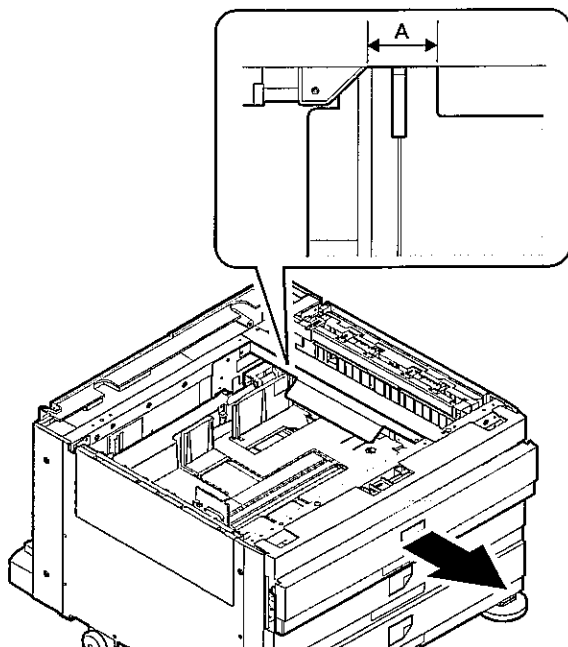


R-D19

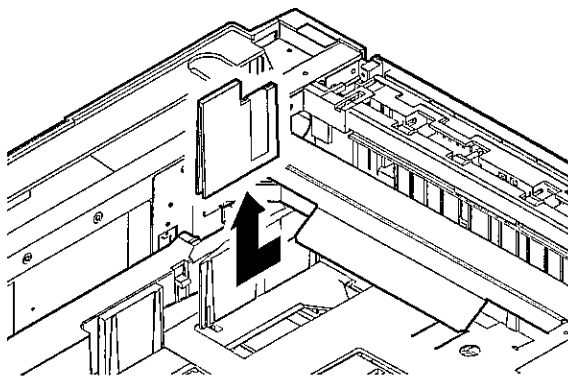


Remove the paper tray guide stoppers.

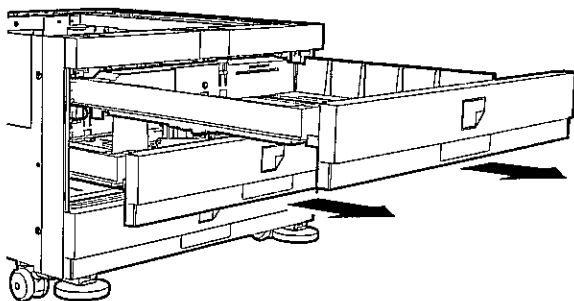
- 1) Before placing the main unit, remove the paper tray lever stoppers.
AR-D17: 1 stopper (No. 1 paper tray)
AR-D18: 3 stoppers (No. 1, No. 2 and No. 3 paper trays)
AR-D19: 2 stoppers (No. 2 and No. 3 paper trays)
- 2) Pull out the No. 1 paper tray in the direction of the arrow.
* Pull out until the paper tray guide stopper comes between A.



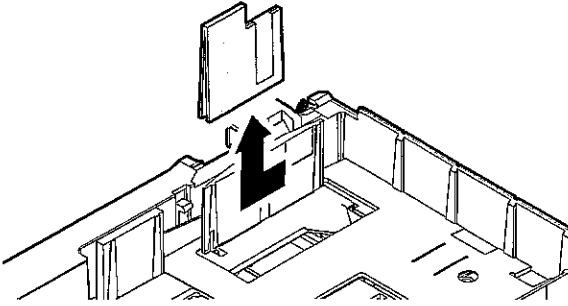
- 3) Pull out to remove the No. 1 paper tray guide stopper in the direction of the arrow.



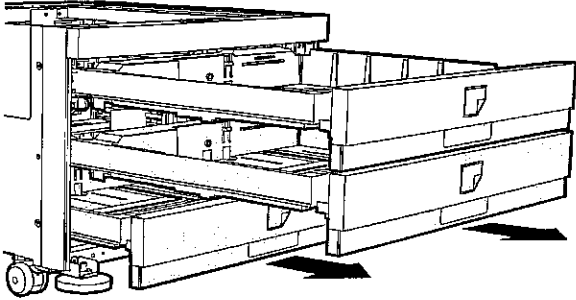
- 4) Slowly pull out the No. 1 paper tray (the No. 1 ADU for AR-D19) until it stops.
- 5) Pull out the No. 2 paper tray a little bit.



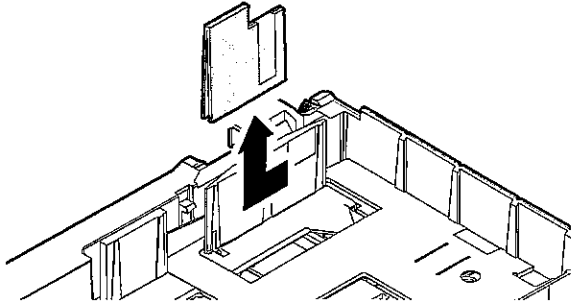
- 6) Pull out to remove the No. 2 paper tray guide stopper in the direction of the arrow.



- 7) Pull out the No. 2 paper tray until it stops.



- 8) Pull out the No. 3 paper tray a little bit.
9) Pull out to remove the No. 3 paper tray guide stopper in the direction of the arrow.






2. Installation

Before installation

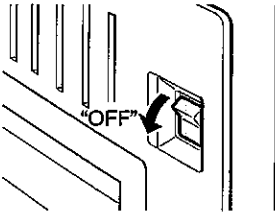
- Start installation after checking that the DATA indicator on the operation panel is neither lit nor blinking.
- For installation of the stand/two paper drawers with a duplex module (AR-D19), the duplex bypass/inverter unit (AR-RB1) is always needed.

Parts included

		
Connecting plate: 2 pcs.	Connecting plate cover: 2 pcs.	Connecting screw: 5 pcs.

(1) Turn off the main switch of the main unit.

- Turn the main switch located on the left side of the main unit to the "OFF" position.
- Then remove the power plug of the main unit from the outlet.

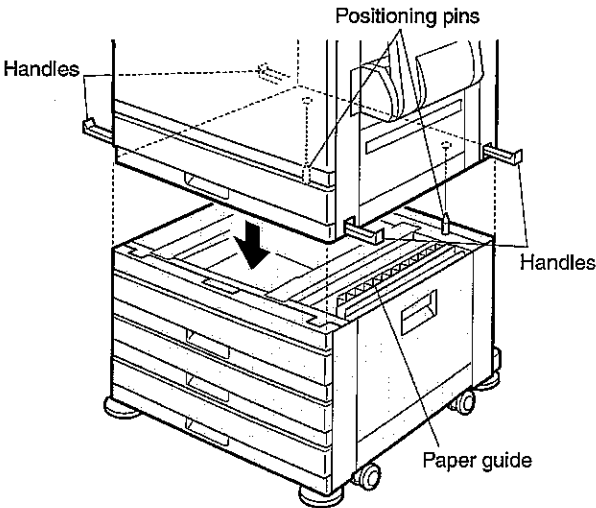


(2) Place the main unit on the optional stand. (Note: This work must be performed by two persons or more.)

- Pull out the four handles on the right and left sides of the main unit.
- Place the main unit on the optional stand aligning the outside line (front side, right and left sides) of the main unit with those of the stand.

Note: At this time, be careful not to hit the paper guide or the exterior of the optional stand with the four rubber feet of the main unit.

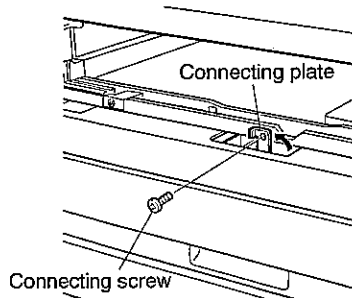
- Ensure that the two positioning pins located on the top surface of the optional stand are inserted securely into the positioning holes.



3) Connect the main unit with the stand.

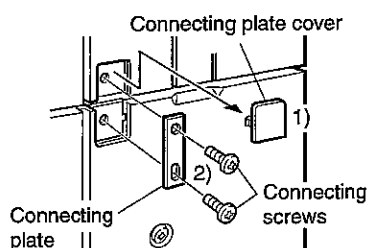
Connection of front side

- 1) Pull out the paper tray of the main unit until it stops, and lift both ends of the paper tray to remove it.
- 2) Raise the connecting plate located on the front side of the optional stand as shown in the illustration and use a connecting screw to secure the main unit and the optional stand.

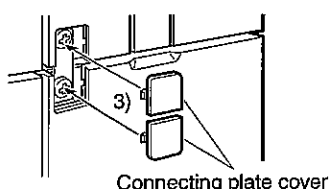


Connection of right side

- 1) Remove the connecting plate cover located on the right side of the main unit.
- 2) Use a connecting plate and two connecting screws to secure the main unit and the optional stand.

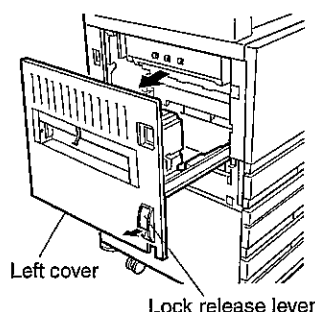


- 3) Insert the connecting plate cover that has been removed in step 1) and a supplied connecting cover to the exteriors of the main unit and the optional stand respectively.

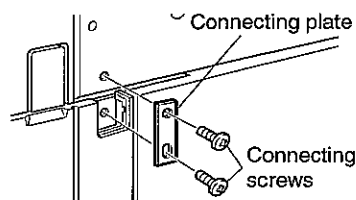


Connection of left side

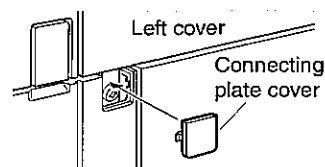
- 1) Pull the lock release lever to pull out the left cover.



- 2) Use a connecting plate and two connecting screws to secure the main unit and the optional stand.



- 3) Close the left cover of the main unit securely and insert a supplied connecting plate cover into the exterior of the optional stand.

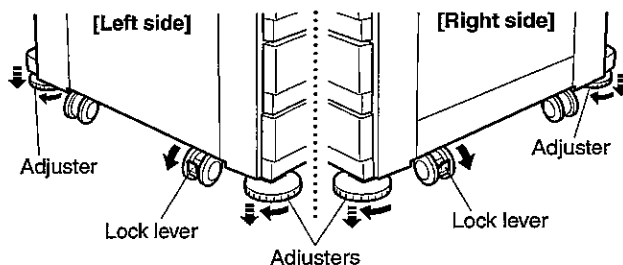


Note: Since the connecting screws have a function to connect electrically (earth) the main unit and the optional stand in addition to the function of securing the main unit and the stand, be sure to fix the screws securely.

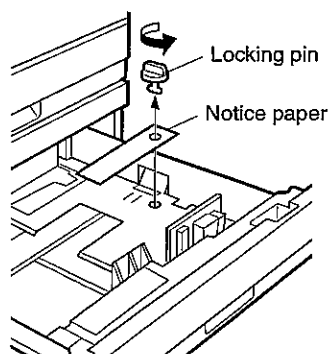
- 4) Reattach the paper tray that has been removed in the connection of front side to the main unit.

(4) Install the main unit.

- 1) Move the main unit to the installation location.
- 2) Move the lock levers of the two casters located near the front side of the optional desk in the direction of the arrow to lock the casters.
- 3) Turn the four adjusters of the optional stand in the direction of the arrow until they reach the floor to secure them on the floor.



(5) Remove the locking pin for packing from the paper drawer.



• **For AR-D17 and D18:**

- 1) Gently pull out the upper paper tray of the optional stand until it stops.
- 2) Turn the locking pin for packing that secures the paper pressure plate from the paper tray in the direction of the arrow to remove it with the notice paper.
- 3) Gently close the paper tray.

* For the stand/three paper drawers (AR-D18), perform the same steps for the second and third paper trays.

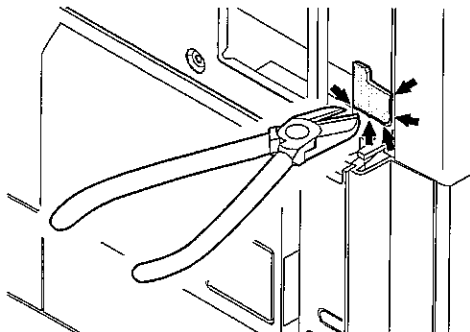
• **For AR-D19:**

- 1) Gently pull out the second paper tray of the optional stand until it stops.
- 2) Turn the locking pin for packing that secures the paper pressure plate from the paper tray in the direction of the arrow to remove it with the notice paper.
- 3) Gently close the paper tray.
- 4) Remove the locking pin for packing from the third paper tray similarly.

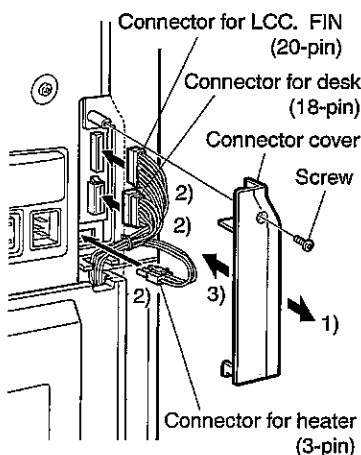
(6) Connect the connector of the stand.

- 1) Remove the screw that secures the connector cover on the rear side of the main unit and then remove the connector cover.
 - 2) Connect the 20-pin connector and the 18-pin connector of the stand relay harness to the connectors of the main unit.
- Then connect the connector for heater (3-pin).

* To install the connector of the desk dehumidifier heater (an option for some destinations), cut off the five points on the rear of the left cabinet of the machine with nippers. (The five points are shown with arrows in the figure below.)



- 3) Taking care not to get the harness caught, attach the connector cover that has been removed in step 1) with the screw.



* For installation of the duplex bypass/inverter unit, saddle finisher or large capacity tray, see the respective installation manual.

* **If another peripheral device must be installed, carry out the following steps at the end of the installation work.**

Insert the power plug of the main unit to the outlet and turn on the main switch.

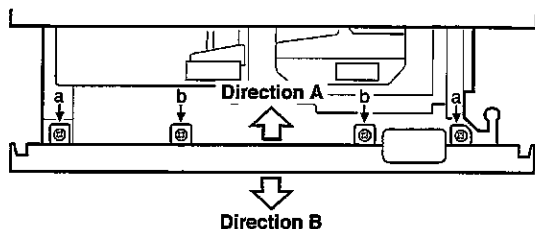
(7) Carry out the off center adjustment.

Since adjustment has been made at shipping, adjustment is normally not needed here. If the center should be, however, displaced, carry out the following steps to adjust.

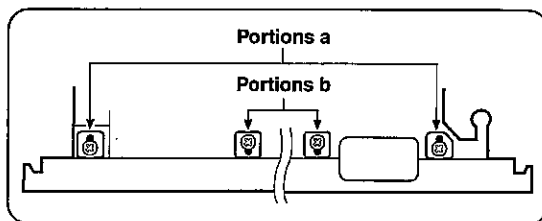
Make a copy. If the center of the copy is displaced as shown in Fig. 1 or Fig. 2, loosen the four screws shown below that secure the front cabinet of the paper tray and then carry out the following work.

[Note]

When securing the front cabinet, the clearance between the screw and the cabinet must be symmetrical at screw portions a and portion b respectively.



[Reference drawing]



• **In the case of Fig. 1**

Move the front cabinet in direction A, tighten two screws a and two screws b in this order, and make a copy again to check that the center is not displaced.

• **In the case of Fig. 2**

Move the front cabinet in direction B, tighten two screws a and two screws b in this order, and make a copy again to check that the center is not displaced.

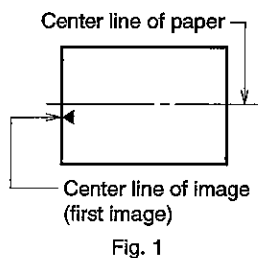


Fig. 1

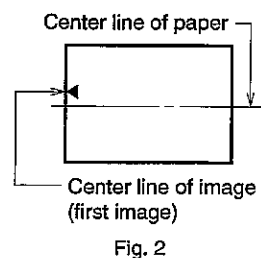
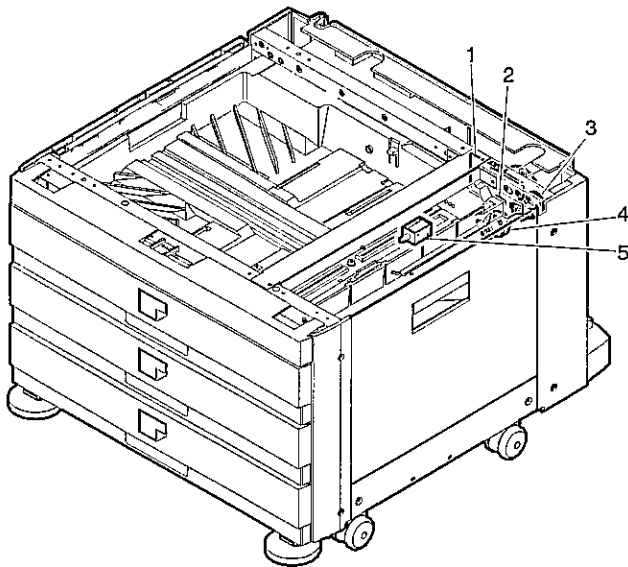


Fig. 2

[3] INTERNAL STRUCTURE

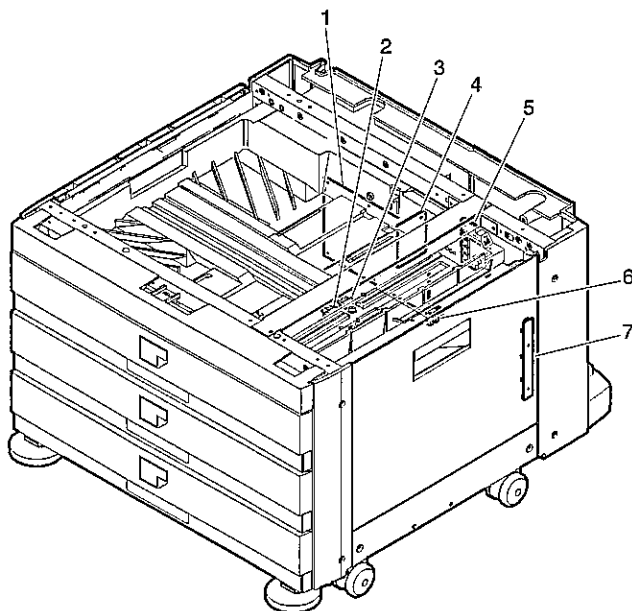
1. AR-D17

A. Motors, clutches, solenoids



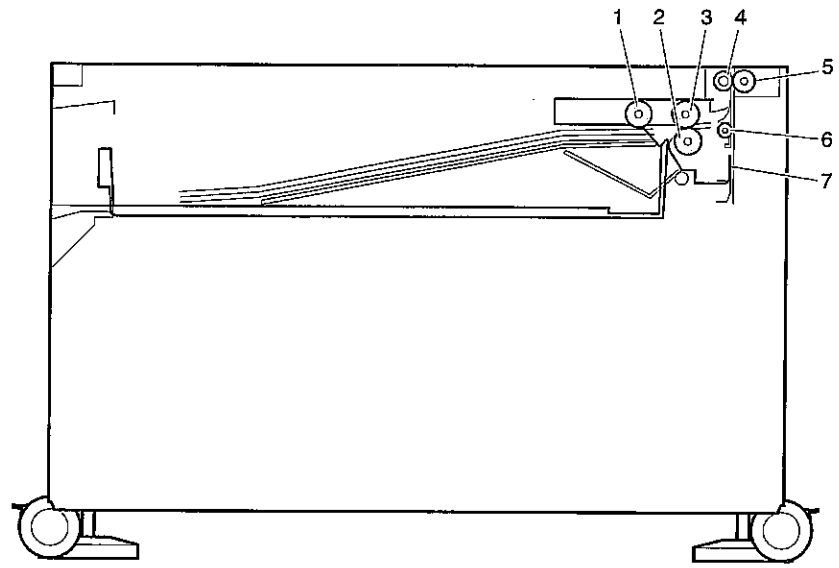
No.	Name	Code	Function/Operation
1	Paper feed drive motor	DM	Drives the paper feed section and the paper transport section.
2	Lift motor	DLM	Drives the lift plate.
3	Transport clutch	DTRC	Controls ON/OFF of the transport roller.
4	Paper feed clutch	DPFC	Controls ON/OFF of the paper feed roller.
5	Pickup solenoid	DPFS	Presses the paper pickup roller onto paper.

B. PWB, sensors



No.	Name	Code	Function/Operation
1	Desk control PWB		Controls and drives the desk and reverse control.
2	Paper empty sensor	DPED	Senses paper empty in the paper tray.
3	Paper upper limit sensor	DLUD	Senses the upper limit of paper.
4	PC interface PWB		Relays the software writing signals.
5	Lifter PWB		Relays the paper size detection, the paper remain detection and each loads to the paper tray units.
6	Paper transport sensor 1	DPPD1	Senses the paper transport.
7	PFD PWB		Senses the paper transport 2, 3 and the door.

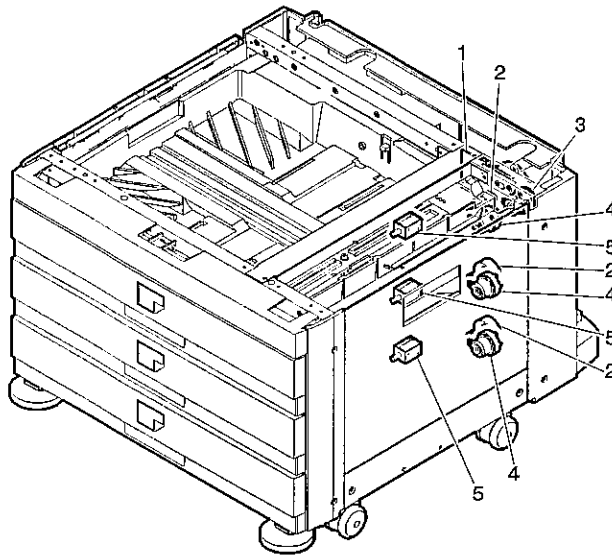
C. Cross sectional view



No.	Name	Function/Operation
1	Paper pickup roller	Picks up and transports paper from the paper tray.
2	Separation roller	Separates and transports paper in the paper tray.
3	Paper feed roller	Transports paper in the paper tray.
4	Vertical transport roller upper	Transports paper from the desk to the main unit.
5	Idle roller	Presses the vertical transport roller upper onto paper.
6	Idle roller	Reduces the paper pickup load on the vertical transport roller upper.
7	Paper tray paper feed unit	Picks up and separates and transports paper in the paper tray.

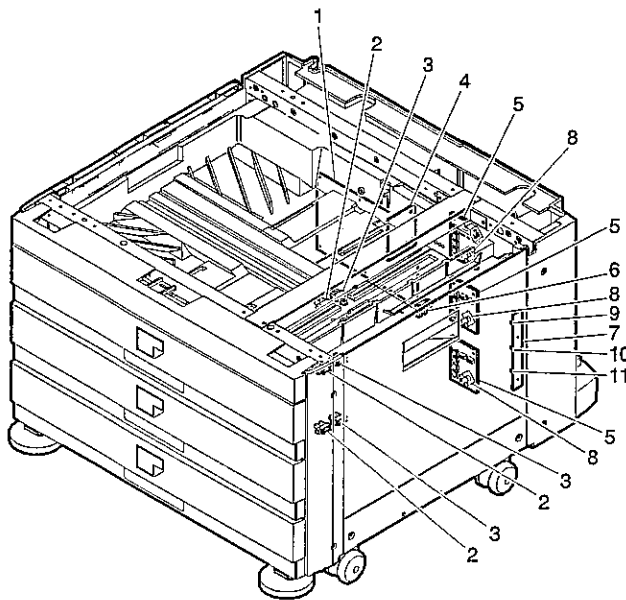
2. AR-D18

A. Motors, clutches, solenoids



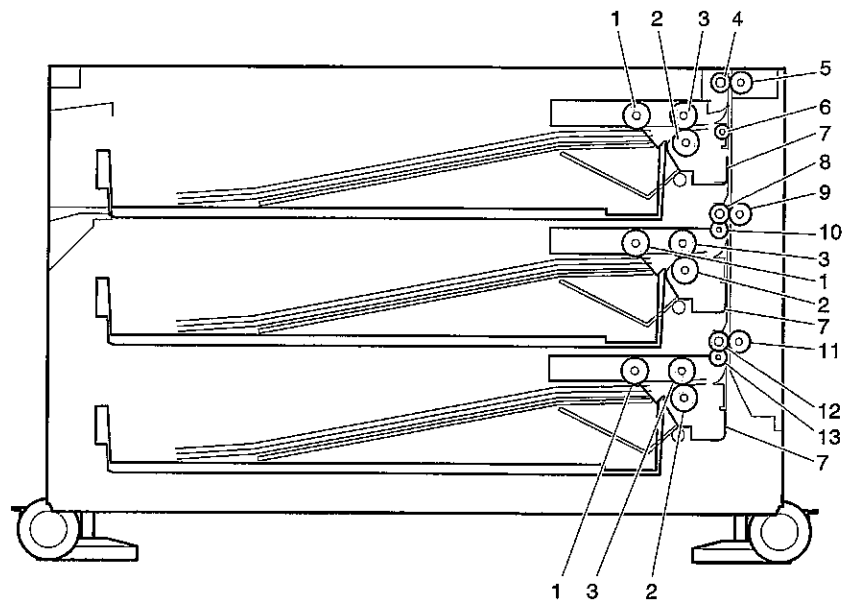
No.	Name	Code	Function/Operation
1	Paper feed drive motor	DM	Drives the paper feed section and the paper transport section.
2	Lift motor	DLM	Drives the lift plate.
3	Transport clutch	DTRC	Controls ON/OFF of the transport roller.
4	Paper feed clutch	DPFC	Controls ON/OFF of the paper feed roller.
5	Pickup solenoid	DPFS	Presses the paper pickup roller onto paper.

B. PWB, sensors



No.	Name	Code	Function/Operation
1	Desk control PWB		Controls and drives the desk and reverse control.
2	Paper empty sensor	DPED	Senses paper empty in the paper tray.
3	Paper upper limit sensor	DLUD	Senses the upper limit of paper.
4	PC interface PWB		Relays the software writing signals.
5	Lifter PWB		Relays the paper size detection, the paper remain detection and each loads to the paper tray units.
6	Paper transport sensor 1	DPPD1	Senses the paper transport.
7	PFD PWB		Senses the paper transport 2, 3 and the door.
8	Remaining paper quantity sensor	DCSPS	Senses the remaining paper quantity.
9	Paper transport sensor 2	DPPD2	Senses the paper transport.
10	Door open/close sensor	DDOPD	Senses the door open/close.
11	Paper transport sensor 3	DPPD3	Senses the paper transport.

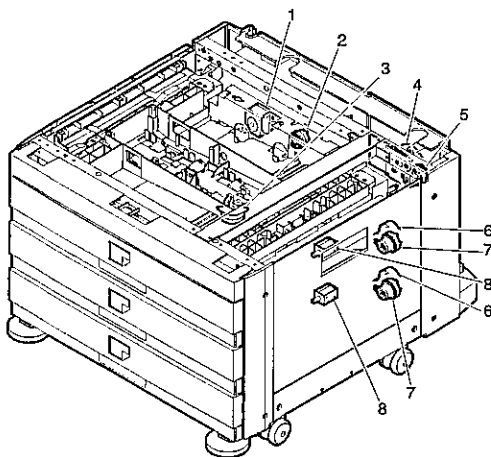
C. Cross sectional view



No.	Name	Function/Operation
1	Paper pickup roller	Picks up and transports paper from the paper tray.
2	Separation roller	Separates and transports paper in the paper tray.
3	Paper feed roller	Transports paper in the paper tray.
4	Vertical transport roller upper	Transports paper from the desk to the main unit.
5	Idle roller	Presses the vertical transport roller upper onto paper.
6	Idle roller	Reduces the paper pickup load on the vertical transport roller upper.
7	Paper tray paper feed unit	Picks up and separates and transports paper in the paper tray.
8	Vertical transport roller	Transports paper.
9	Idle roller	Presses the vertical transport roller onto paper.
10	Idle roller	Reduces the paper pickup load on the vertical transport roller.
11	Idle roller	Presses the vertical transport roller onto paper.
12	Vertical transport roller	Transports paper.
13	Idle roller	Reduces the paper pickup load on the vertical transport roller.

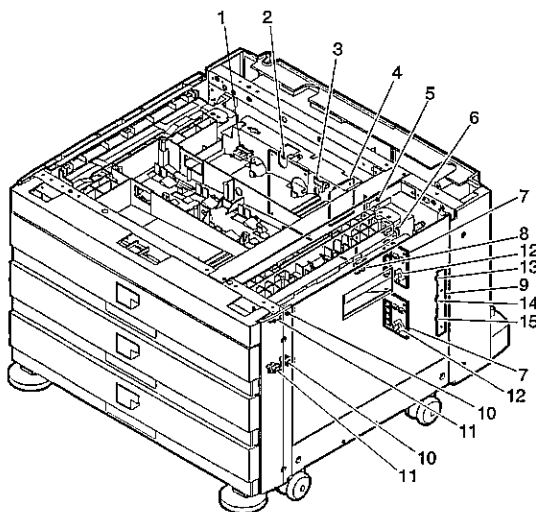
3. AR-D19

A. Motors, clutches, solenoids



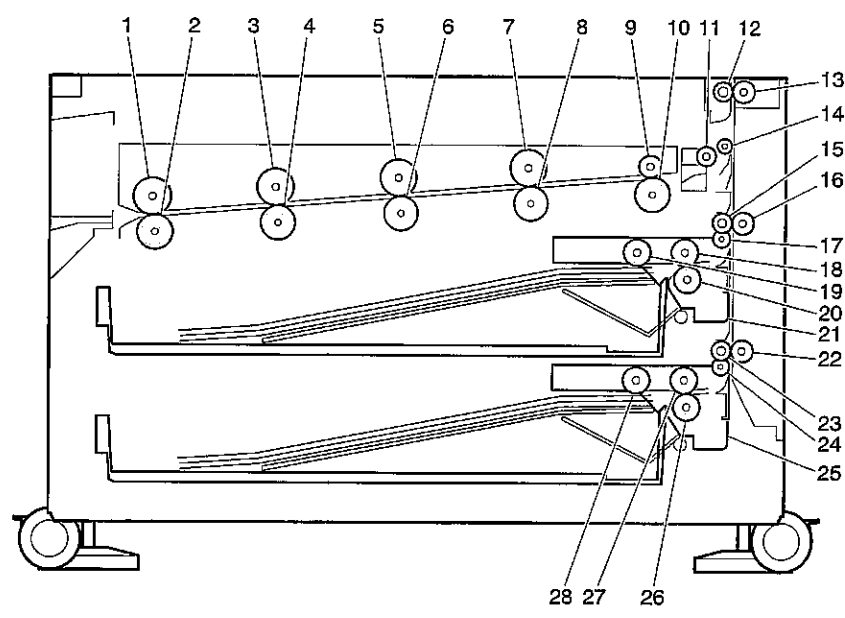
No.	Name	Code	Function/Operation
1	ADU transport motor	ATM	Drives the paper transport section in ADU.
2	ADU transport clutch	ATRC	Controls ON/OFF of the transport roller in ADU.
3	Alignment motor	APAM	Aligns the paper in ADU.
4	Paper feed drive motor	DM	Drives the paper feed section and the paper transport section.
5	Transport clutch	DTRC	Controls ON/OFF of the transport roller.
6	Lift motor	DLM	Drives the lift plate.
7	Paper feed clutch	DPFC	Controls ON/OFF of the paper feed roller.
8	Pickup solenoid	DPFS	Presses the paper pickup roller onto paper.

B. PWB, sensors, switches



No.	Name	Code	Function/Operation
1	ADU transport sensor 1	APPD1	Senses paper transport in ADU.
2	Desk control PWB		Controls and drives the desk and reverse control.
3	Alignment plate home position sensor	APHPS	Senses the alignment plate in ADU.
4	PC interface PWB		Relays the software writing signals.
5	ADU transport sensor 2	APPD2	Senses paper transport in ADU.
6	ADU interface PWB		Relays the loads in ADU.
7	Lifter PWB		Relays paper size detection, remaining paper quantity detection and each loads on the paper feed unit.
8	Paper transport sensor 1	DPPD1	Senses paper transport.
9	PFD PWB		Controls the transport sensor 2, 3 and the door detection.
10	Paper upper limit sensor	DLUD	Senses the upper limit of paper.
11	Paper empty sensor	DPED	Senses paper empty in the paper tray.
12	Paper remaining paper quantity sensor	DCSPS	Senses the remaining paper quantity.
13	Paper transport sensor 2	DPPD2	Seenses paper transport.
14	Door open/close sensor	DDOPD	Senses the right door open/close.
15	Paper transport sensor 3	DPPD3	Senses paper transport.

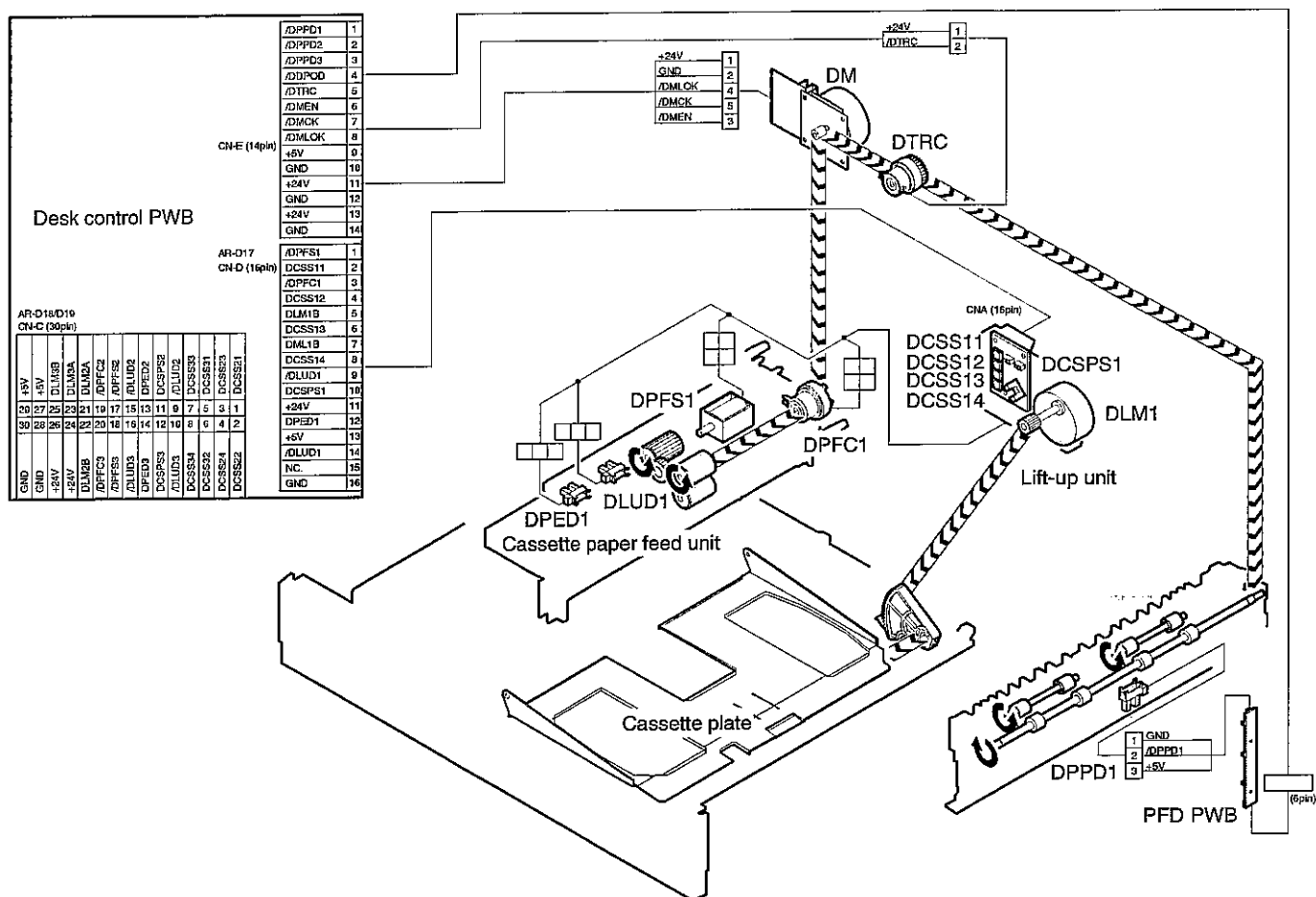
C. Cross sectional view



No.	Name	Function/Operation
1	Idle roller	Presses the ADU roller 1 onto paper.
2	ADU roller 1	Transports paper from the reverse unit.
3	Idle roller	Presses the ADU roller 2 onto paper.
4	ADU roller 2	Transports paper.
5	Idle roller	Presses the ADU roller 3 onto paper.
6	ADU roller 3	Transports paper.
7	Idle roller	Presses the ADU roller 4 onto paper.
8	ADU roller 4	Transports paper.
9	Idle roller	Presses the ADU roller 5 onto paper.
10	ADU roller 5	Aligns paper then transports paper from ADU to the desk.
11	Idle roller	Reduces the paper transport loads.
12	Vertical transport roller upper	Transports paper from the desk to the main unit.
13	Idle roller	Presses the transport roller upper onto paper.
14	Idle roller	Reduces the paper pickup load on the vertical transport roller upper.
15	Vertical transport roller	Transports paper.
16	Idle roller	Presses the transport roller onto paper.
17	Idle roller	Reduces the paper pickup load on the vertical transport roller.
18	Paper feed roller	Transports paper in the paper tray.
19	Paper pickup roller	Picks up to transport paper in the paper tray.
20	Separation roller	Separates to transport paper in the paper tray.
21	Paper tray paper feed unit	Picks up and separates and transports paper in the paper tray.
22	Idle roller	Presses the vertical transport roller onto paper.
23	Vertical transport roller	Transport paper.
24	Idle roller	Reduces the paper pickup load on the vertical transport roller.
25	Paper tray paper feed unit	Picks up and separates and transports paper in the paper tray.
26	Separation roller	Separates and transports paper in the paper tray.
27	Paper feed roller	Transports paper in the paper tray.
28	Paper pickup roller	Picks up and transports paper in the paper tray.

[4] MACHINE OPERATIONS

1. Cassette operation

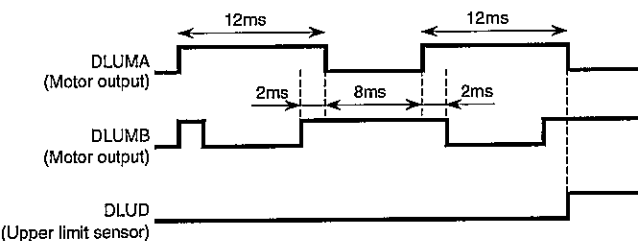


- When a cassette is inserted, DLM1 (lift-up motor) rotates to lift up the cassette plate.
- If the tray is ready to feed paper (DLUD1 is ON and DPED is ON), after reception of the JOB start, paper is fed to DPPD1 by the desk motor (DM), the transport clutch (DTRC), the paper feed clutch (DPFC1), the pickup solenoid (DPFS1), and the cassette paper feed unit.

A. Lift operation

When a cassette is inserted, the lift-up motor is turned on to lift the rotating plate, and is stopped at the paper feed position. (Upper limit sensor: ON position of DLUD)

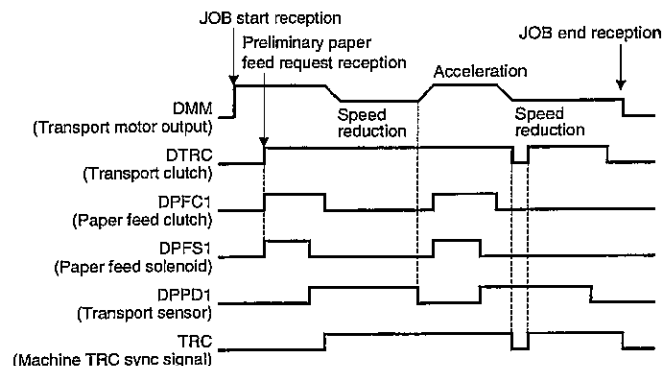
The lift-up motor output is as shown below:



B. Paper feed operation

If the tray is in the paper feed ready position (upper limit sensor: at ON position of DLUD) and there is some paper in the tray, paper feed can be performed.

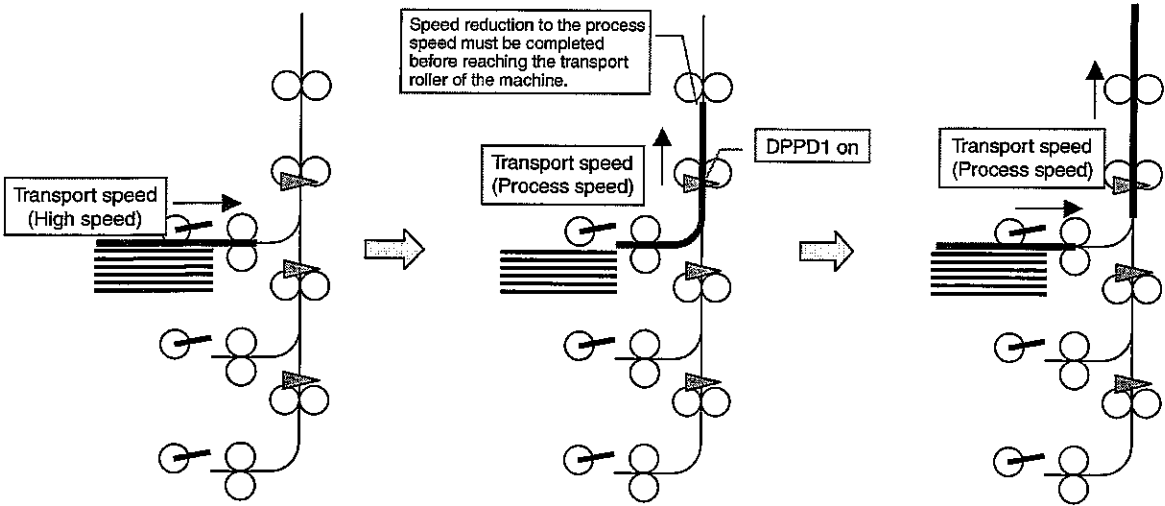
Paper feed is performed by the transport motor (DM), the transport clutch (DTRC), and paper feed clutch (DPFC), and the paper feed solenoid (DPFS) at the following timing.



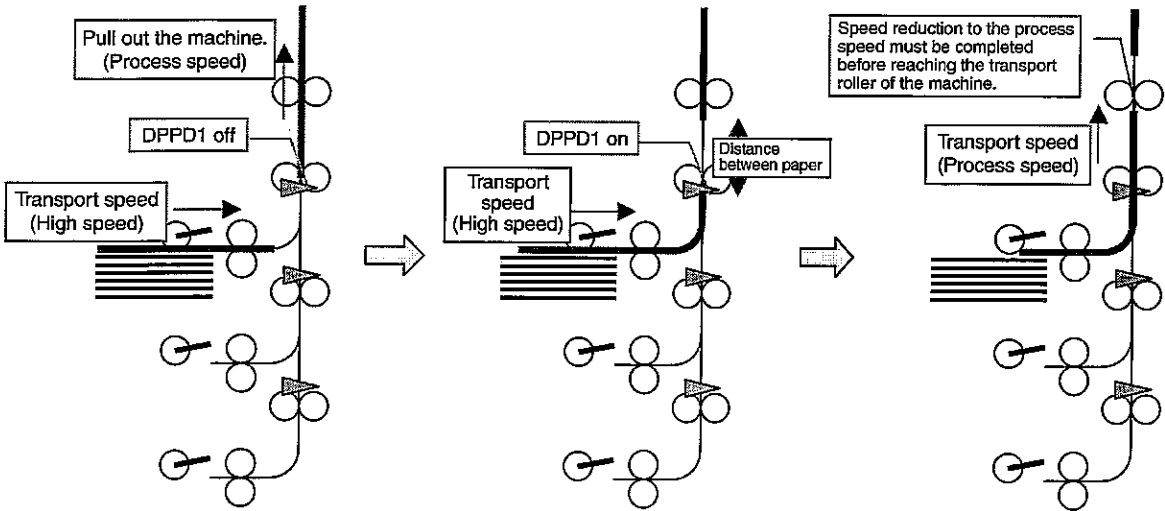
2. Desk operation

A. Paper feed from the upper-stage cassette

- 1) The first paper feed starts.
Transports paper at a high speed.
- 2) When the transport sensor (DPPD1) is on, the transport speed is reduced to the process speed before reaching the transport roller of the machine.
- 3) The second paper feed starts.
As the first paper still stays between the desk and the machine, the second paper is transported at the process speed.



- 4) When the transport sensor (DPPD1) is off, the transport motor speed is accelerated to transport the second paper at a high speed.
- 5) When the transport sensor (DPPD1) is on, the distance from the previous paper is sensed.
- 6) The timing of reducing speed is varied according to the distance from the previous paper to adjust the distance. However, speed reduction must be completed before reaching the machine roller.



Repeat 3) to 6).

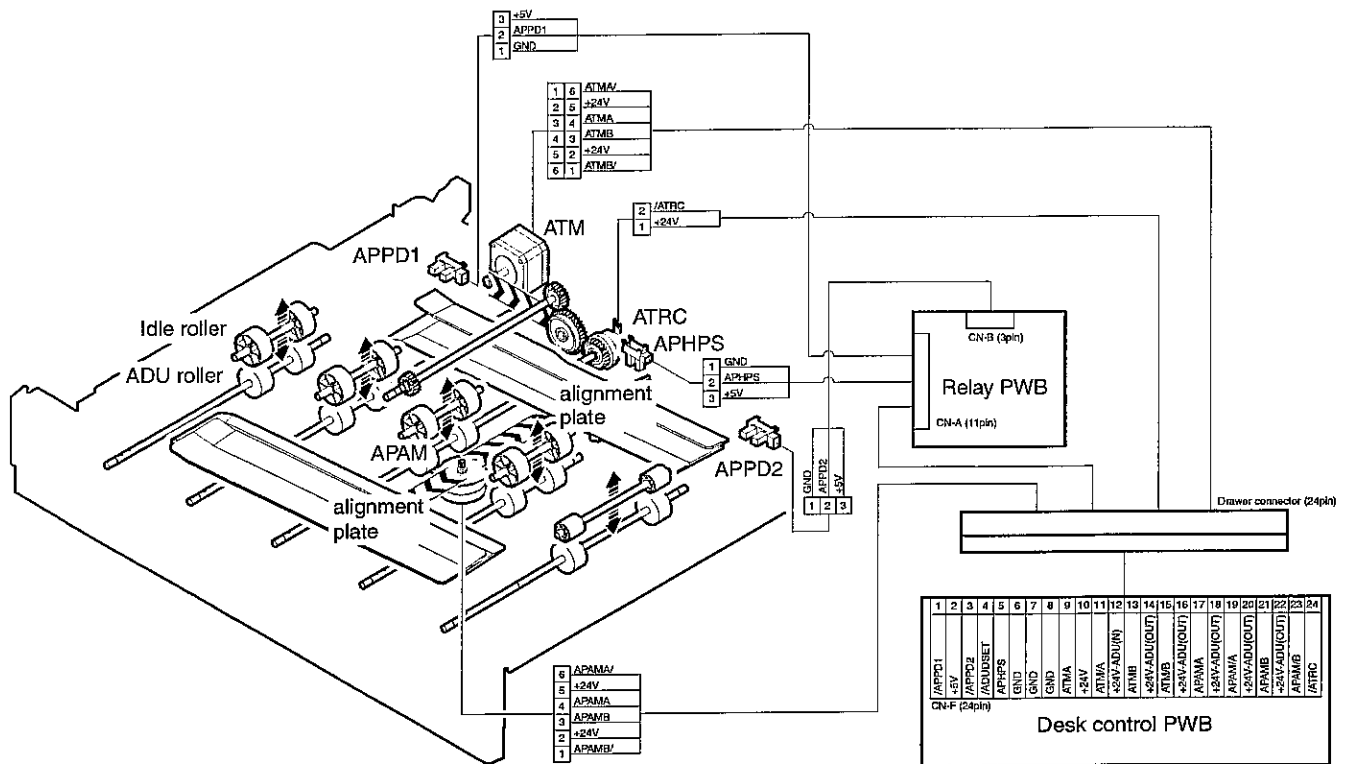
B. paper feed from the mid-stage cassette or the lower-stage cassette

Similarly in paper feed from the mid-stage cassette or the lower-stage cassette, the transport motor speed is accelerated when the transport sensor (DPPD1) is off, and the transport motor speed is reduced in the proper timing when the DPPD1 is on with the next paper.

C. Paper empty detection

When the rotating late moves up and stops at the paper feed ready position and in the paper feed operation, paper empty in the tray is detected by the paper empty sensor (DPED).

3. ADU operation



During duplex operation, after one side is finished, the paper is discharged from the fuser unit and, due to the switching of the gate, sent through the decurler unit (AR-RB1) and transported to the ADU unit.

The paper is reversed by the reverse roller in PB1 and aligned in the ADU, and transported to the transport section for copying on the second side.

A. Initial operation

When the machine power is turned on, or when the ADU is detached, the alignment plate of the ADU is initialized (moved to the home position).

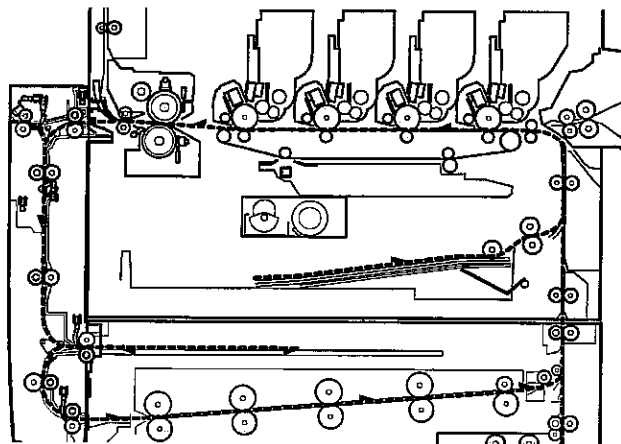
When initialization is made with the home position sensor at the OFF state, the alignment motor is rotated to the home position at initializing start. When the home position sensor is turned on, the alignment motor is stopped to terminate initialization.

When initialization is made with the home position sensor at the ON state, the alignment motor is rotated in the regulating direction at initializing start, and the motor is stopped with the home position sensor at the OFF state.

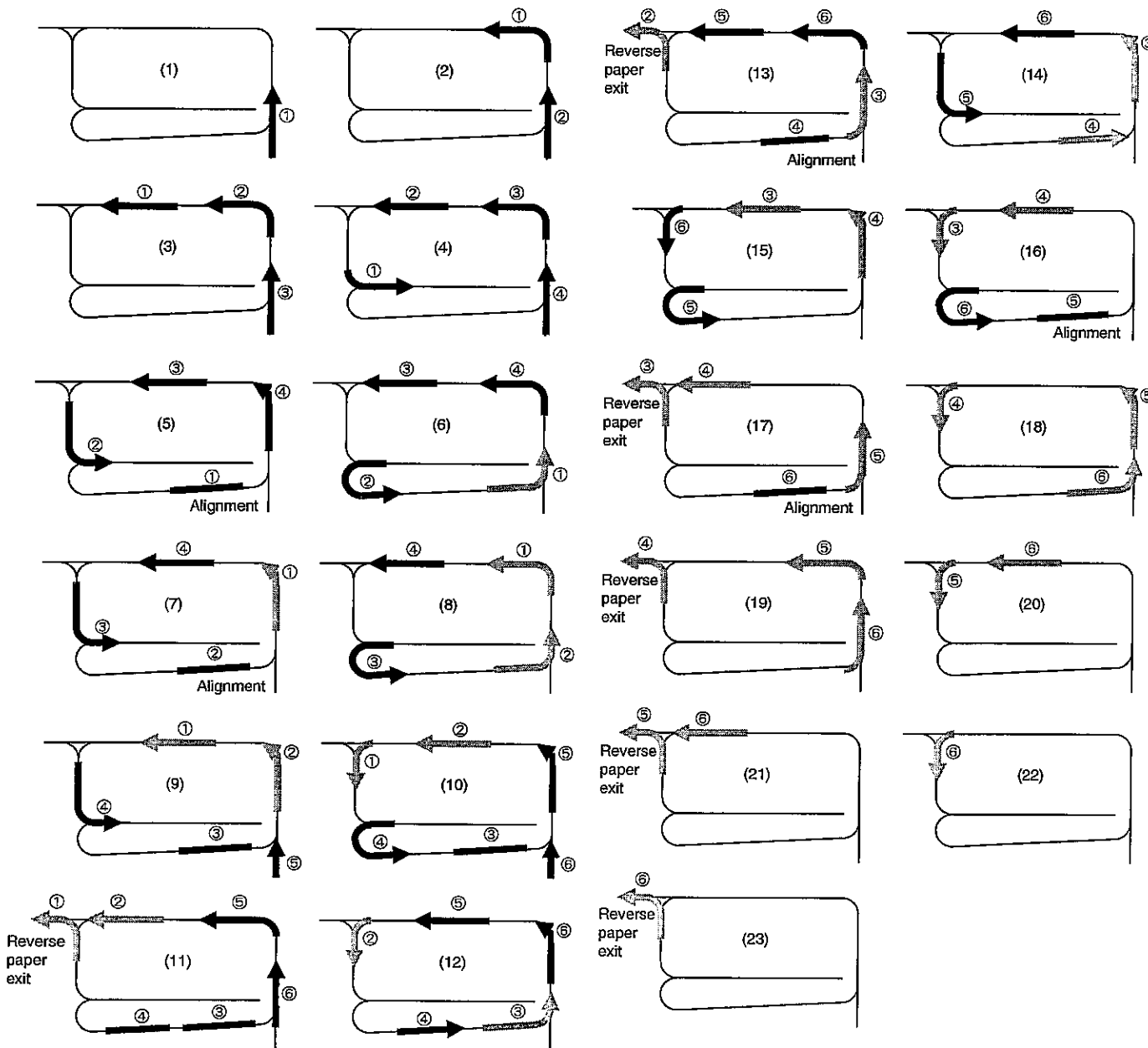
Then the alignment motor is rotated to the home position. When the home position sensor is turned on, it is stopped to terminate initialization.

B. Paper feed operation

(When two sheets of single-face documents of A4, LT, or smaller size are duplex-printed 6 copies.)

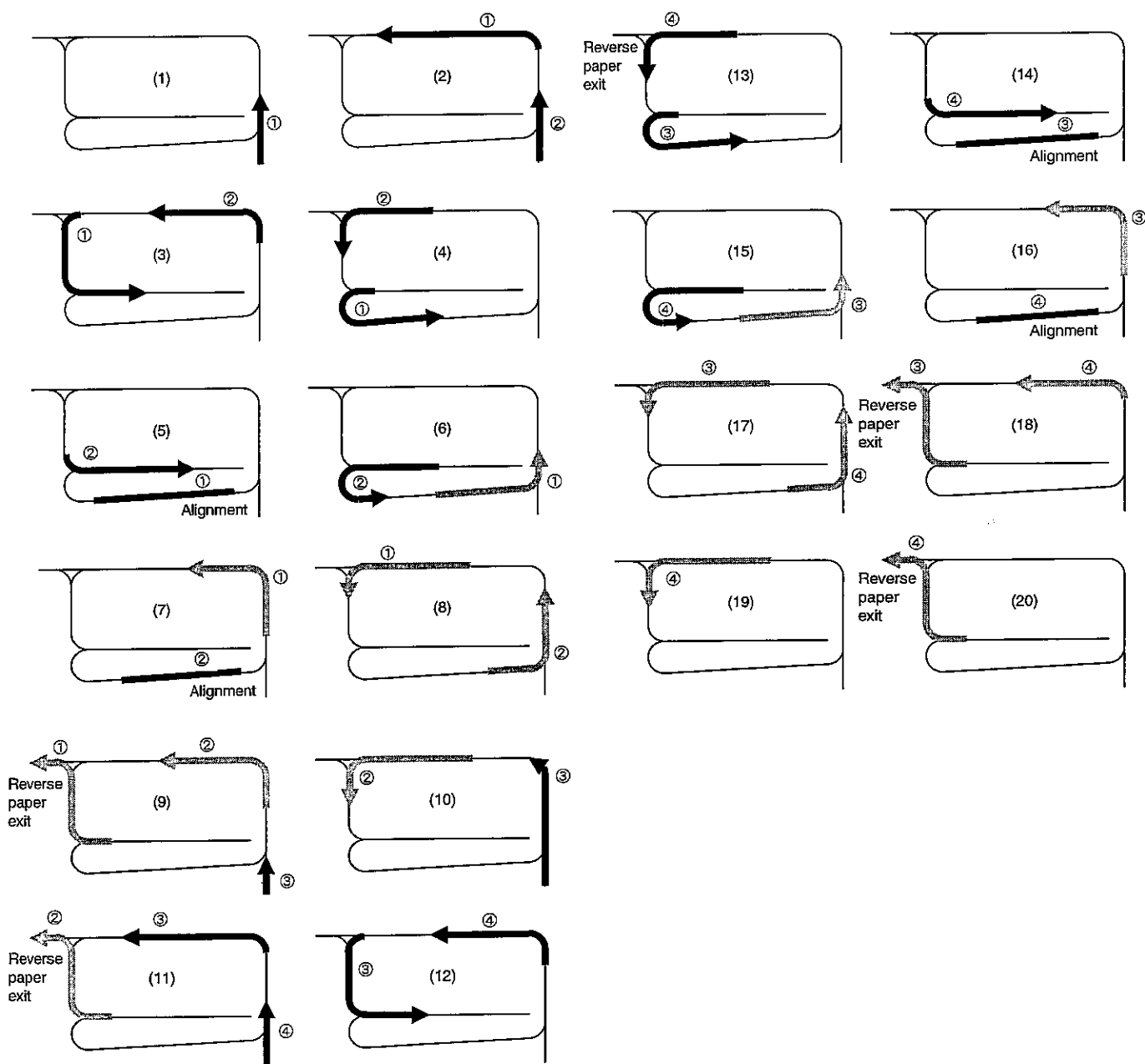


→ Cassette feed paper
→ ADU feed paper



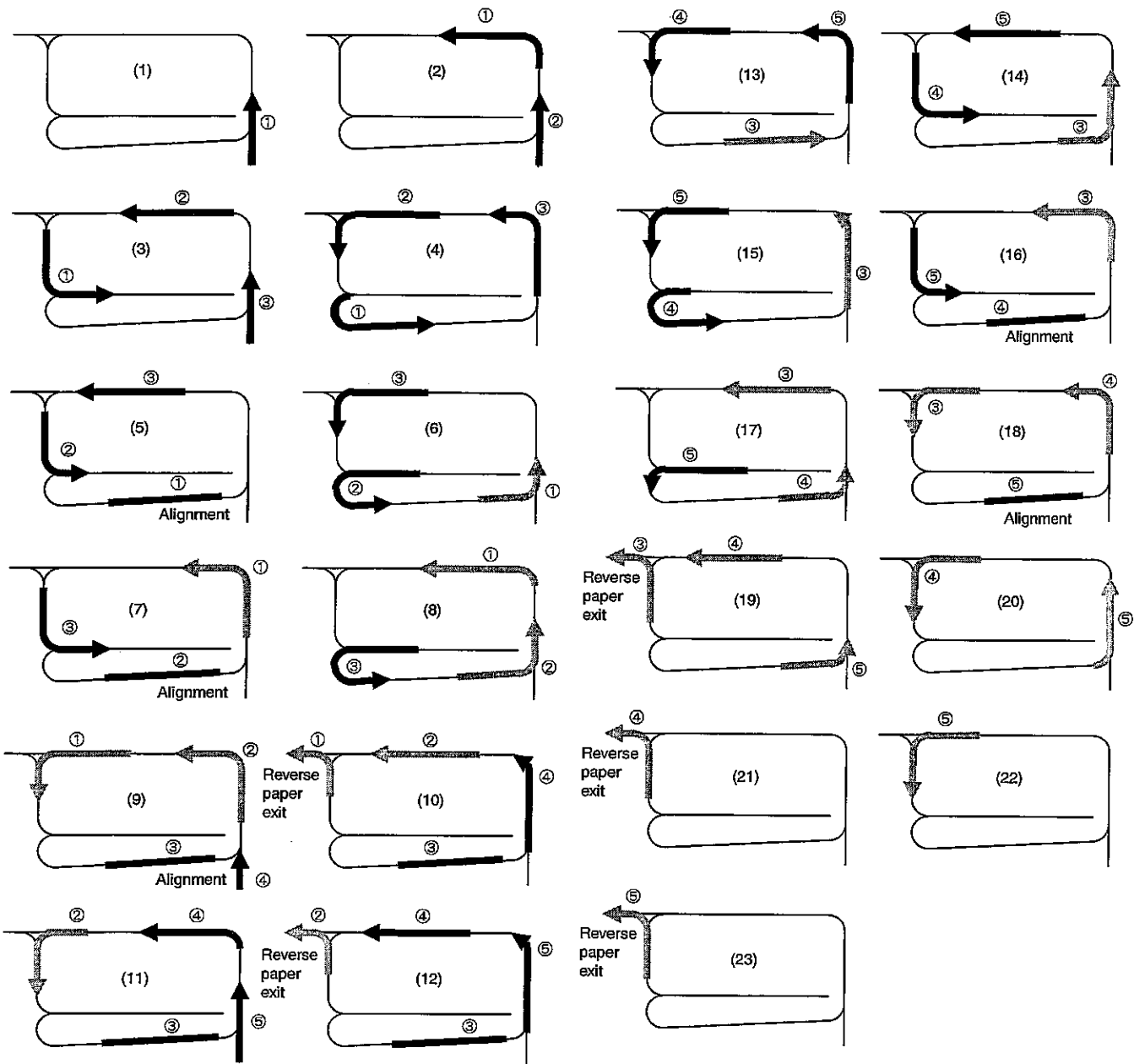
(When two sheets of single-face documents of A3, WLT, 8K, or EXTRA size are duplex-printed 4 copies.)

➡ Cassette feed paper
➡ ADU feed paper



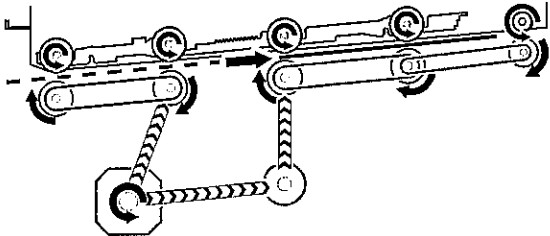
(When two sheets of single-face documents of other size are duplex-printed 5 copies.)

→ Cassette feed paper
→ ADU feed paper

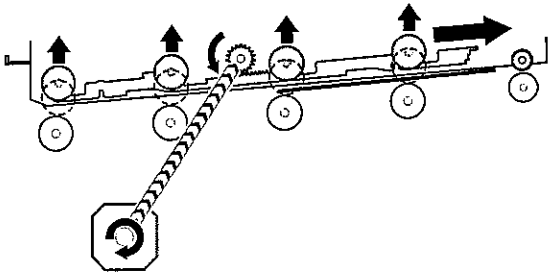


4. ADU pressure release and alignment operations

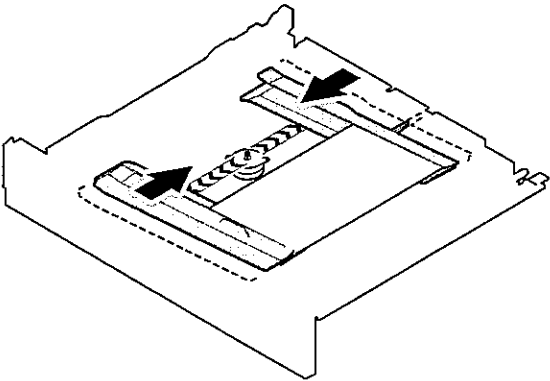
The paper is passed to the ADU and transported to the alignment position as shown below by driving the ATM (ADU transport motor) in the forward direction with the ATRC (ADU transport clutch) ON.



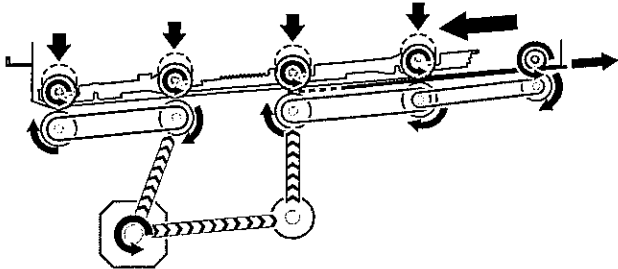
The ATM (ADU transport motor) is rotated in the reverse direction to drive the pressure release slide arm in the arrow direction in the figure below and to lift the four follower rollers, releasing the roller pressure from the paper.



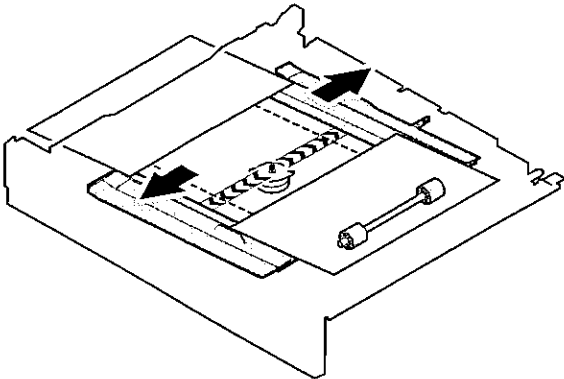
By rotating the APAM (alignment motor), the alignment guide F and the alignment guide R are simultaneously rotated in the arrow direction and stopped at the paper width positions.



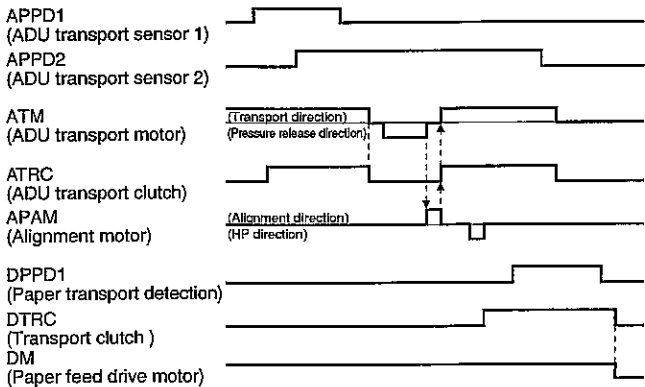
After completion of alignment operation, the ATM (ADU alignment motor) is rotated in the forward direction, and the pressure release slide arm is driven in the arrow direction shown in the figure below to apply a roller pressure on paper. Then the paper is transported and discharged from the ADU.



When the paper lead edge passes the ADU roller, the APAM (alignment motor) is rotated and the alignment guide F and the alignment guide R are simultaneously driven to the outside (in the arrow direction in the figure below), waiting for the next paper to be transported.



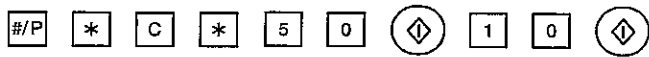
The figure below shows the timing of each sensor input, motor output, and clutch output.



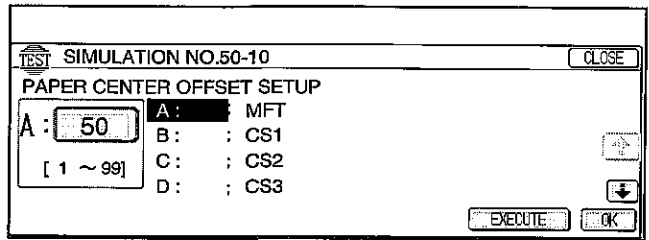
[5] ADJUSTMENTS

(1) Print off-center adjustment

1) Perform the following key operations of the machine to enter the print off-center adjustment mode (SIM 50-10).



2) In SIM 50-10, the following display is shown. The print off-center adjustment value is set for each paper feed tray.



3) Select [G]: ADU with [↑] and [↓] keys, and change the set value of the print off-center with the 10-key.

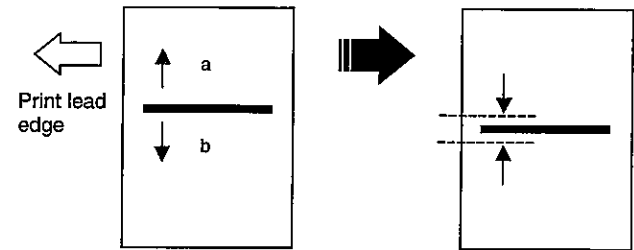
Item	Display item	Item description	Set range	Initial value
A	MFT	Print off-center adjustment value (manual feed)	1 - 99	50
B	CS1	Print off-center adjustment value (1st cassette)	1 - 99	50
C	CS2	Print off-center adjustment value (2nd cassette)	1 - 99	50
D	CS3	Print off-center adjustment value (3rd cassette)	1 - 99	50
E	CS4	Print off-center adjustment value (4th cassette)	1 - 99	50
F	LCC	Print off-center adjustment value (LCC)	1 - 99	50
G	ADU	Print off-center adjustment value (ADU)	1 - 99	50
H	MULTI COUNT	Print quantity	1 - 999	1
I	PAPER	Paper feed tray selection (MFT, CS1, CS2, CS3, CS4, LCC)	1 - 6	2 (CS1)
J	EXIT TRAY	Paper exit tray selection (R, S)	1 or 2	1
K	DUPLEX	Duplex print selection (NO, YES)	1 or 2	1

- When the adjustment value of A - G is decreased by 1, the main scan print position is shifted to the front side by 0.1mm.
 - When the adjustment value of A - G is increased by 1, the main scan print position is shifted to the rear side by 0.1mm.
- (Example) When 45 is set:



- 4) Select "[I]: Paper feed tray selection" with [↑] and [↓] keys on the LCD panel, and select the paper feed tray with the 10-key.
- 5) Select "[K]: Duplex print selection" with [↑] and [↓] keys on the LCD panel, and select "Duplex print (YES)" with [2] key.
- 6) When [EXECUTE] on the LCD panel is pressed, a sheet of paper is fed from the selected paper feed tray, and is transported to the ADU, performing duplex print.
During paper transistor, [EXECUTE] is highlighted.
- 7) When self-print operation is completed, the machine is stopped and [EXECUTE] returned to the normal display.

- 8) Check the self print output, and repeat procedures 3 - 7 until the value is in the range of 0 ± 1.5mm.
When the value is in the above range, press [CA] to cancel the simulation mode.

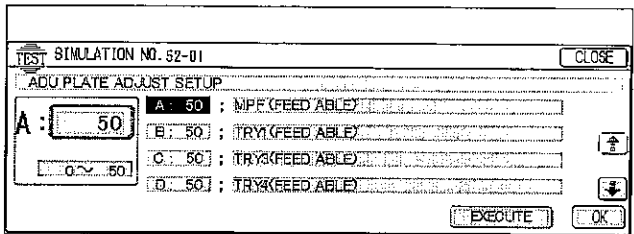


(2) Alignment plate check and adjustment

1) Perform the following key operations of the machine to enter the alignment plate adjustment mode (SIM 52-01).



2) In SIM 52-01, the following display is shown, and the alignment plate adjustment value can be set for each paper feed tray.

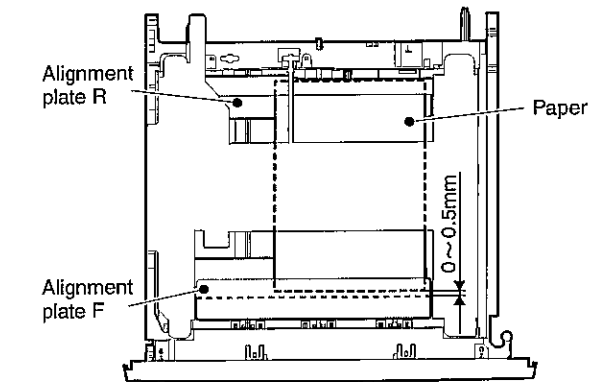


3) Select the paper feed tray with [↑] and [↓] keys on the LCD panel.

Item	Item	Set range
A	Intermediate tray alignment plate adjustment (Manual feed)	0 - 99
B	Intermediate tray alignment plate adjustment (1st cassette)	0 - 99
C	Intermediate tray alignment plate adjustment (3rd cassette)	0 - 99
D	Intermediate tray alignment plate adjustment (4th cassette)	0 - 99
E	Intermediate tray alignment plate adjustment (LCC)	0 - 99

- 4) When [EXECUTE] on the LCD panel is pressed, a sheet of paper is fed from the selected paper feed tray and transported to the alignment section in the ADU unit.
During paper transport, [EXECUTE] is highlighted.
- 5) When paper is transported to the alignment section and alignment is completed, the machine is stopped and [EXECUTE] returns to the normal display. Then pull out the ADU unit.

6) Move the paper to the rear side of the alignment plate, and check that the clearance between the alignment plate (F side) and the paper is 0 – 0.5mm.



- When the clearance between the alignment plate and the paper is in 0 – 0.5mm:
Remove the paper in the ADU unit. Press [CA] key to cancel the simulation mode.
- When the clearance between the alignment plate and the paper is out of 0 – 0.5mm:
 1. Remain the paper in the ADU unit, and insert the ADU unit and change the set value.
(Example) When 45 is set:

4 → 5 → OK

Reference for set value
The relationship between the set value and the alignment plate width is as shown below:

Set value	Alignment plate width
Decreased by 1	Widened by about 0.3mm
Increased by 1	Narrowed by about 0.3mm

- * However, when performing an adjustment for a paper feed tray set at A4R/A5/B5R, pull out the ADU unit and check the clearance and be sure to remove the paper. (Every time when the set value is changed, a sheet of paper is fed from the paper feed tray.)
- 2. When [EXECUTE] on the LCD panel is pressed, alignment is performed with the set value. During alignment operation, [EXECUTE] is highlighted.
- 3. When alignment operation is completed, [EXECUTE] returns to the normal display. Pull out the ADU unit again and check the clearance between the alignment plate and the paper. (When checking, be sure to move the paper to the rear end of the alignment plate.)
If the clearance is out of 0 – 0.5mm, repeat procedures 1 – 3 to adjust. Enter the same set value for other paper feed trays.
- 4. After completion of the adjustment, remove paper from the ADU unit, and press [CA] key to cancel the simulating mode.

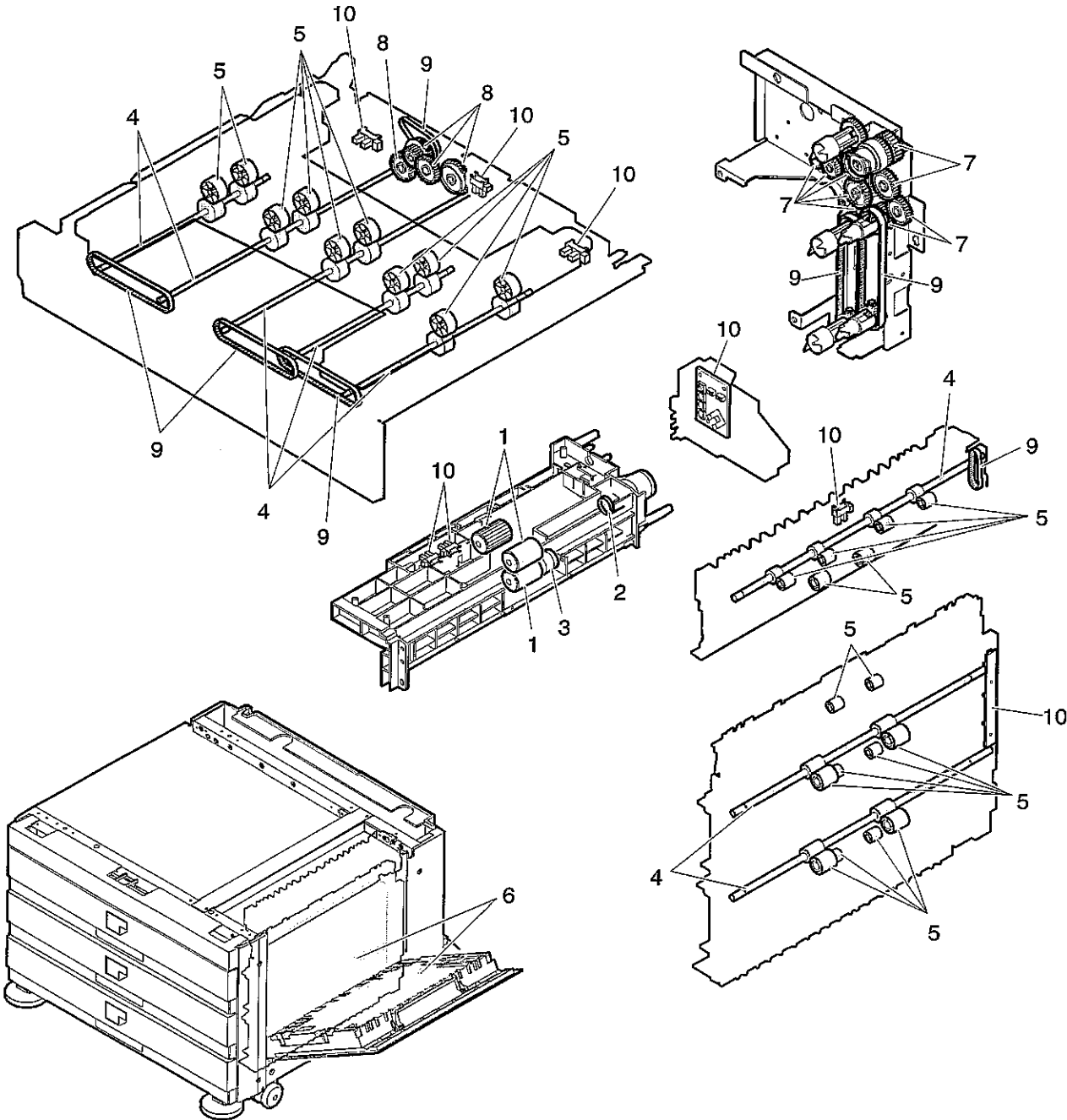
[6] DISASSEMBLY, ASSEMBLY, AND MAINTENANCE

1. Maintenance system table

× : Check (Clean, replace, or adjust as necessary.) ○ : Clean ▲ : Replace Δ : Adjust ☆ : Lubricate

	Part name	Call	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Paper feed separation section	1 Paper feed rollers	(○) ×	○	×	○	×	○	×	○	×	*1
	2 Earth spring	×		×		×		×		×	
	3 Torque limiter	(○) ×		×		×		×		×	
Transport section	4 Transport rollers	○	○	○	○	○	○	○	○	○	
	5 Rollers	○	○	○	○	○	○	○	○	○	
	6 Transport paper guides	○	○	○	○	○	○	○	○	○	
Drive section	7 Desk gears	×		×		×		×		×	(Specified position)
	8 ADU gears	×		×		×		×		×	(Specified position)
	9 Belts	×						×			
Others	10 Sensors	×		×		×		×		×	

*1: Reference for replacement: Counter value at each paper feed port
Paper feed rollers: 100K or 2 years



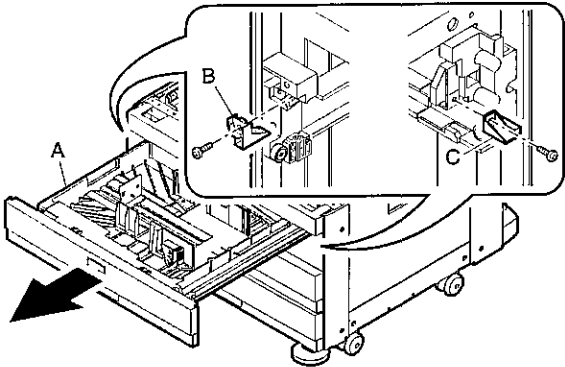
2. Disassembly and assembly

A. Paper feed separation section

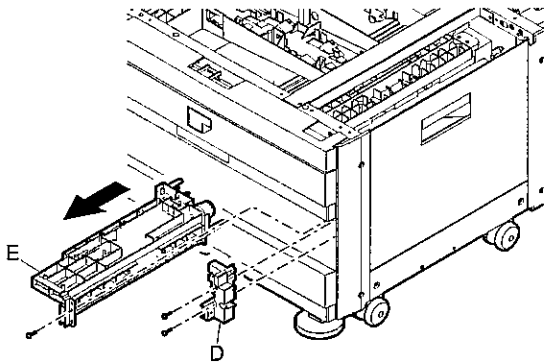
Part name		Call	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Paper feed separation section	Paper feed rollers	(○) ×	○	×	○	×	○	×	○	×	
	Earth spring	×		×		×		×		×	
	Torque limiter	(○) ×		×		×		×		×	

(1) Paper feed rollers

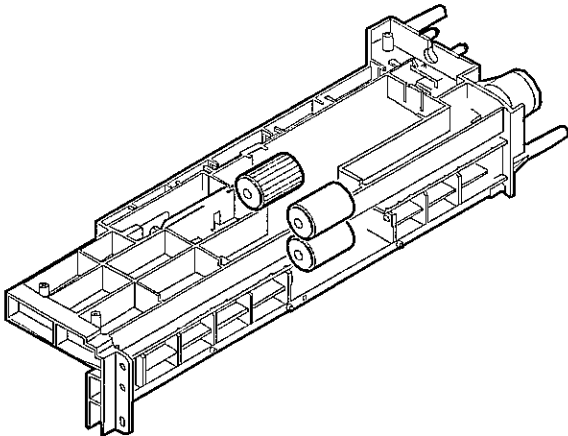
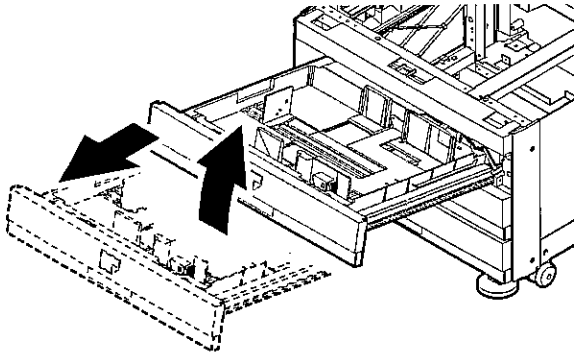
- 1) Pull out the tray unit (A).
- 2) Remove the screw, and remove the tray stoppers left (B) and the tray stopper right (C).



AR-D19

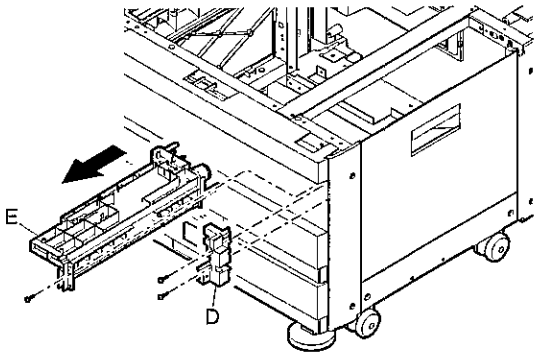


- 3) Lift the tray unit and remove it.



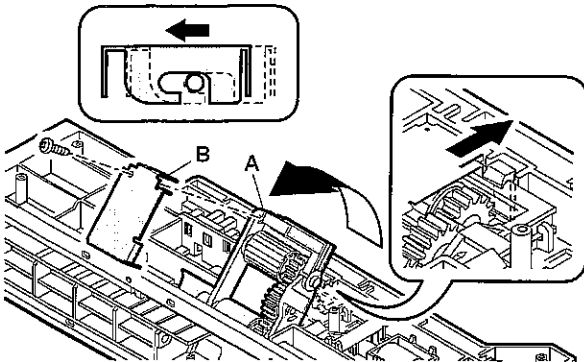
- 4) Remove the screw and remove the tray rail R (D).
- 5) Remove the screw and remove the paper feed unit (E).

AR-D17/D18

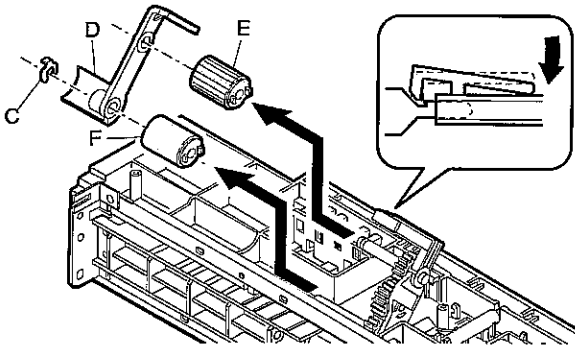


a. Paper pickup roller and paper feed roller removal

- 1) Remove the paper feed unit.
- 2) Disengage the pawl, and lift the pickup roller lever (A).
- 3) Remove the screw, and remove the paper feed wait plate (B).

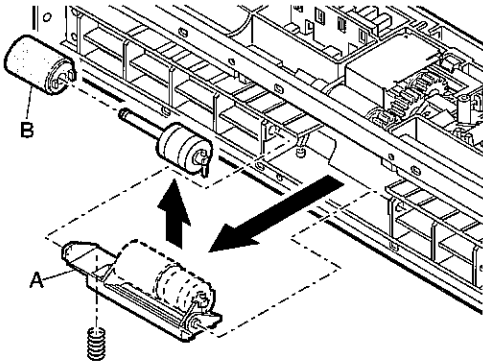


- 4) Remove the stopper (C).
- 5) Disengage the pawl, and remove the pickup roller lever L (D).
- 6) Remove the pickup roller (E) and paper feed roller (F).



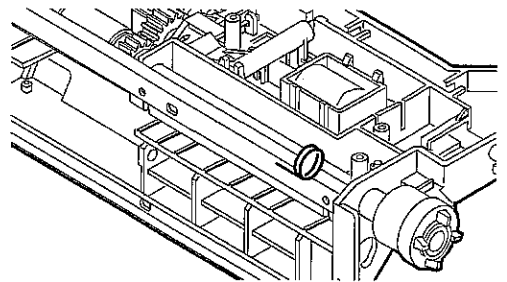
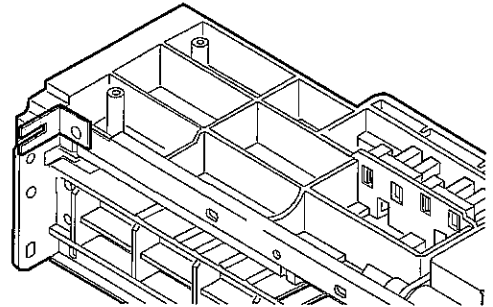
b. Separation roller removal

- 1) Remove the paper feed unit.
- 2) Remove the separation roller unit (A).
- 3) Remove the separation roller (B).



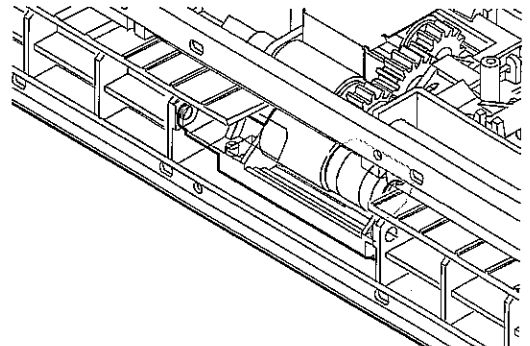
(2) Earth spring

- 1) Remove the paper feed unit.



(3) Torque limiter

- 1) Remove the paper feed unit.



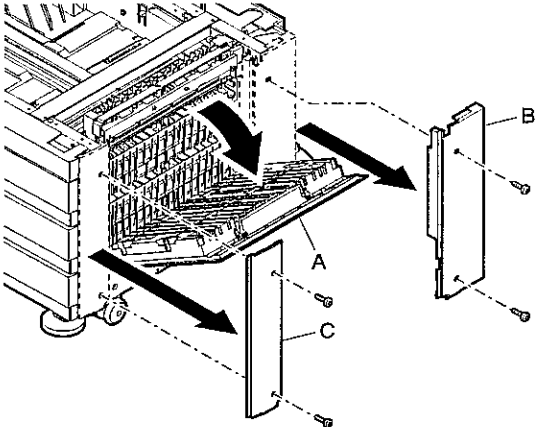
B. Transport section

Part name		Call	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Transport section	Transport rollers	○	○	○	○	○	○	○	○	○	
	Rollers	○	○	○	○	○	○	○	○	○	
	Transport paper guides	○	○	○	○	○	○	○	○	○	

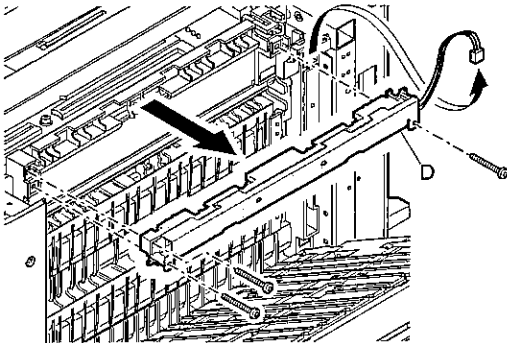
(1) Transport rollers/Rollers

a. Vertical transport roller upper removal

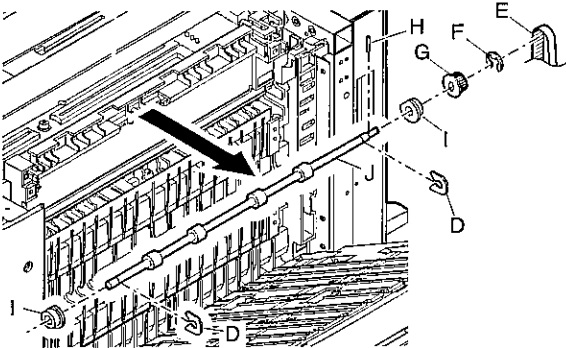
- 1) Open the right door unit (A).
- 2) Remove the screw, and remove the right cabinet rear (B).
- 3) Remove the screw, and remove the right cabinet front (C).



- 4) Disconnect the connectors.
- 5) Remove the screws, and remove the transport paper guide upper unit (D).

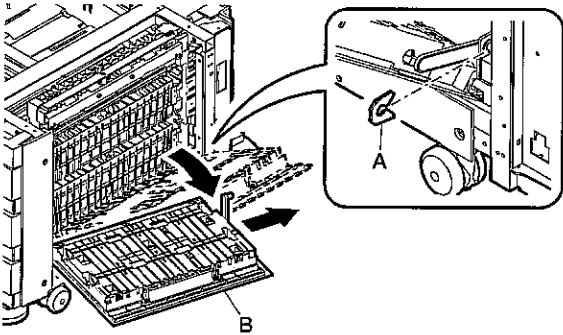


- 6) Remove the nylon C-ring (E).
- 7) Remove the vertical transport roller unit and remove the upper transport belt (F).
- 8) Remove the E-ring (G), the drive pulley (H), the parallel pin (I), and the PF bearing (J) from the vertical transport roller (K).

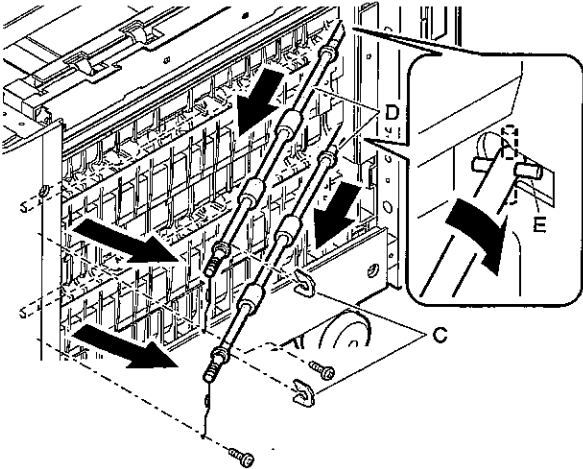


b. Vertical transport rollers 1 and 2 removal

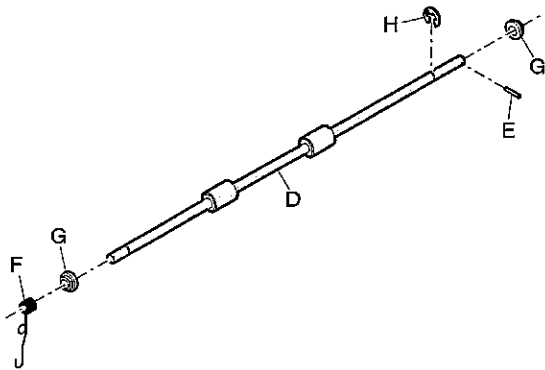
- 1) Remove the right cabinet rear. (Refer to the vertical transport roller upper.)
- 2) Remove the nylon C-ring (A), and remove the right door unit (B).



- 3) Remove the screw.
- 4) Remove the nylon C-ring (C) and the vertical transport roller (D).
- * when removing the vertical transport roller (D), remove it from the front side and rotate it to put the spring pin (E) horizontally and remove it.

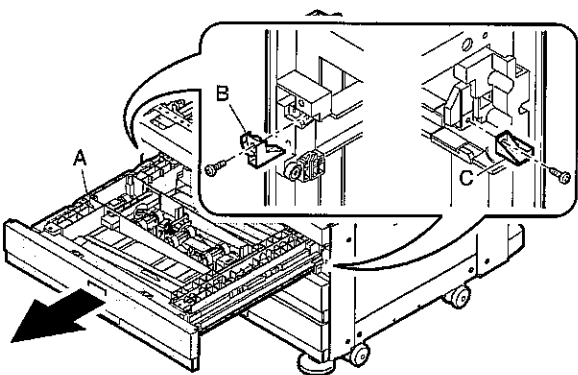


- 5) Remove the spring pin (E), the earth spring (F), the PF bearing (G), and the E-ring (H) from the vertical transport roller (D).

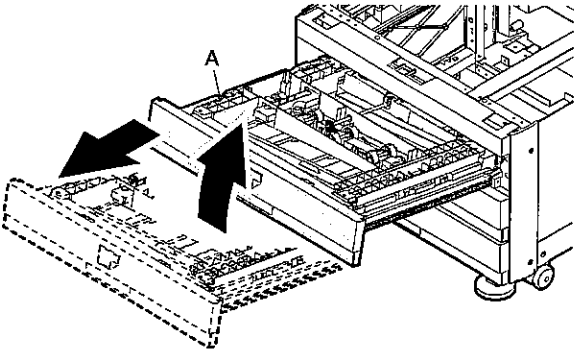


c. ADU unit removal (AR-D19 only)

- 1) Remove the ADU unit (A).
- 2) Remove the screw, the tray stopper left (B), and the tray stopper right (C).

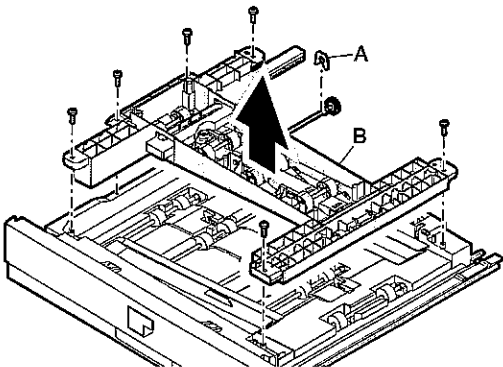


- 3) Lift the ADU unit and remove it.

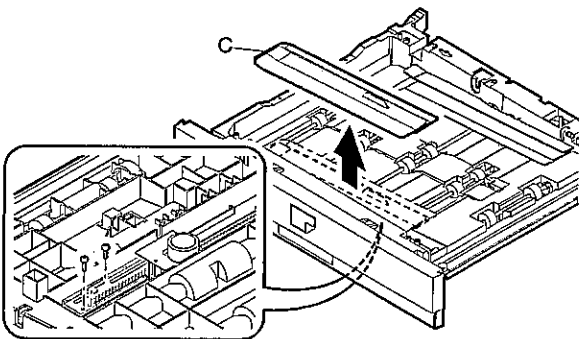


d. ADU roller 1 removal (AR-D19 only)

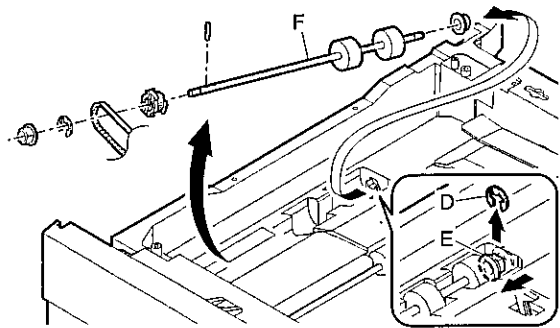
- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the nylon C-ring (A), the screw, and the pressure release unit (B).



- 3) Remove the screw and remove the alignment guide F (C).

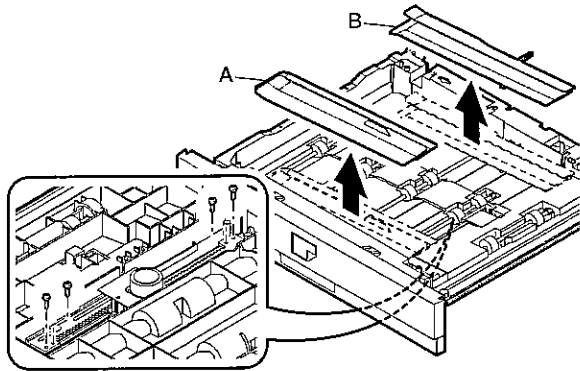


- 4) Remove the E-ring (D) and shift the bearing (E).
- 5) Remove the bearing, the E-ring, the belt, the pulley, and the pin from the ADU roller 1 (F).

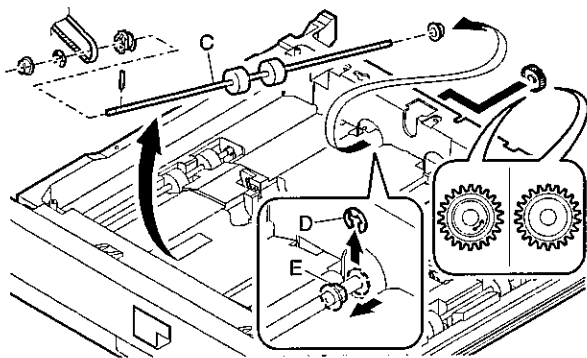


e. ADU roller 2 removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the pressure release unit. (Refer to the ADU roller 1 removal.)
- 3) Remove the screw, the alignment guide F (A), and the alignment guide R (B).

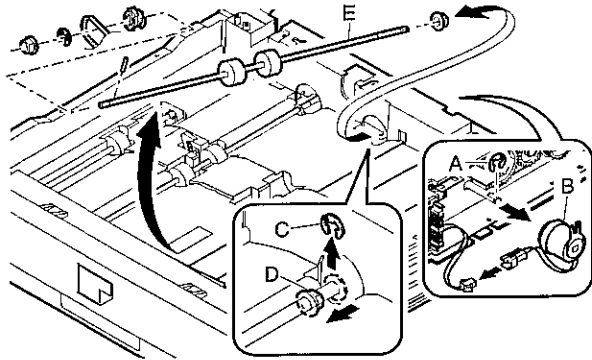


- 4) Remove the E-ring (D) and shift the bearing (E).
- 5) Remove the bearing, the E-ring, the belt, the pulley, the one-way gear, and the pin from the ADU roller 2 (C).



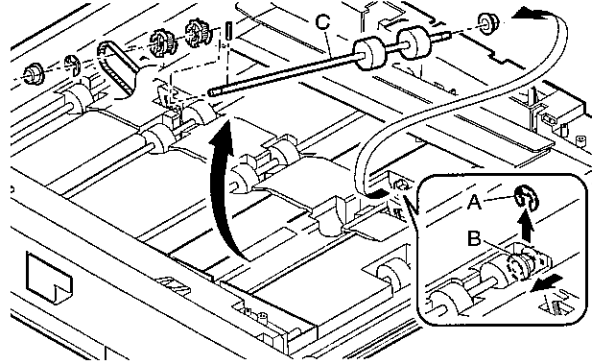
f. ADU roller 3 removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the pressure release unit. (Refer to the ADU roller 1 removal.)
- 3) Remove the alignment guide F and the alignment guide R. (Refer to the ADU roller 2 removal.)
- 4) Remove the connector and the E-ring (A), and remove the MPF paper feed clutch (B).
- 5) Remove the E-ring (C) and shift the bearing (D).
- 6) Remove the bearing, the E-ring, the belt, the pulley, and the pin from the ADU roller 3 (E).



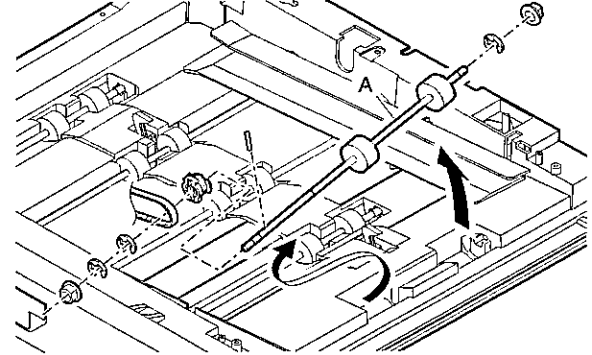
g. ADU roller 4 removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the pressure release unit and the alignment guide F. (Refer to the ADU roller 1 removal and the ADU roller 2 removal.)
- 3) Remove the E-ring (A) and shift the bearing (B).
- 4) Remove the bearing, the E-ring, the belt, the pulley and the pin from the ADU roller 4 (C).

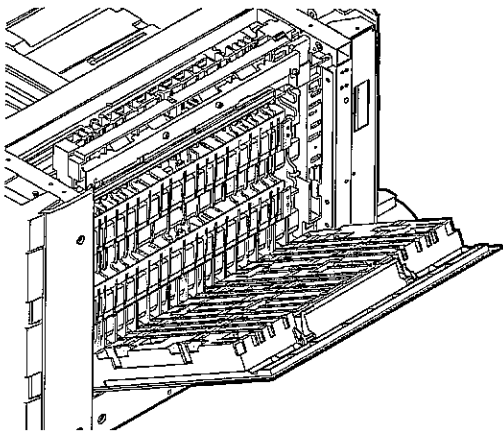


h. ADU roller 5 removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the pressure release unit and the alignment guide F. (Refer to the ADU roller 1 removal and the ADU roller 2 removal.)
- 3) Remove the E-ring, the bearing, the belt, the pulley and the pin.
- 4) Remove the ADU roller 5 (A).



(2) Transport paper guides

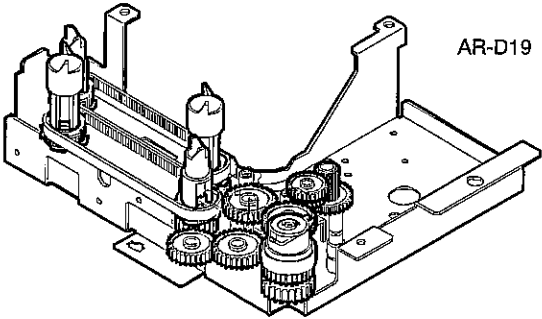
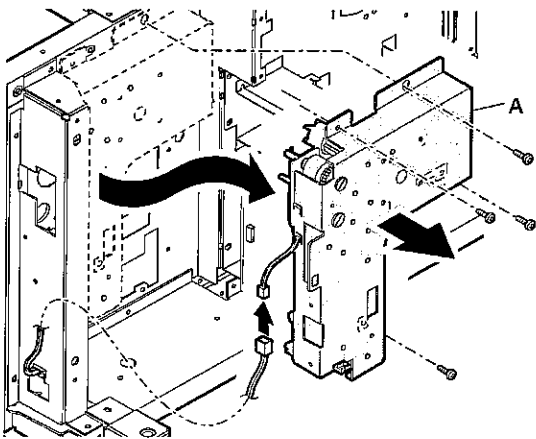


C. Drive section

Part name		Call	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Drive section	Desk gears	×		×		×		×		×	(Specified position)
	ADU gears	×		×		×		×		×	(Specified position)
	Belts	×						×			

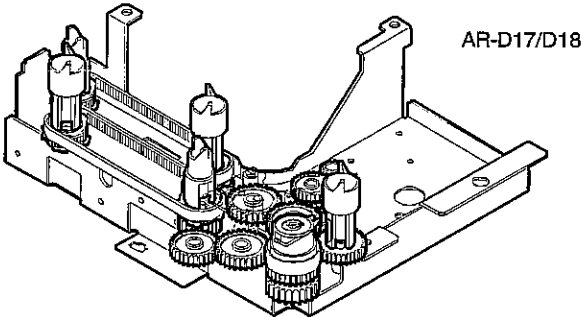
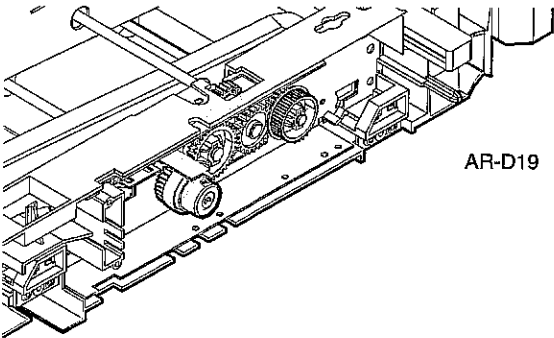
(1) Desk gears

- 1) Pull out the cassette.
- 2) Remove the power cover, the rear cabinet, and the right rear cabinet.
- 3) Remove the paper feed drive motor.
- 4) Remove the connector and the screw first. Then remove the drive unit (A).

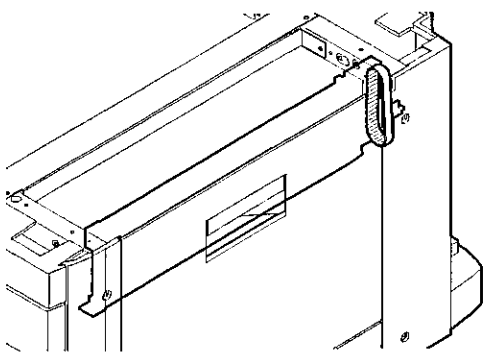


(2) ADU gears

- 1) Remove the ADU unit.

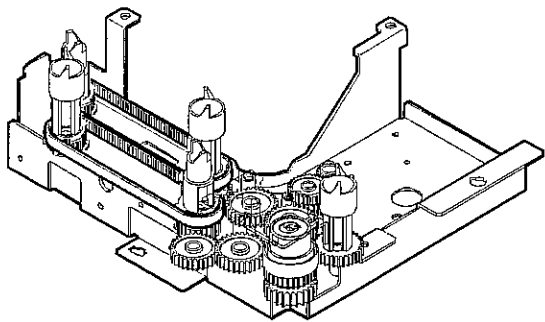


(3) Belts



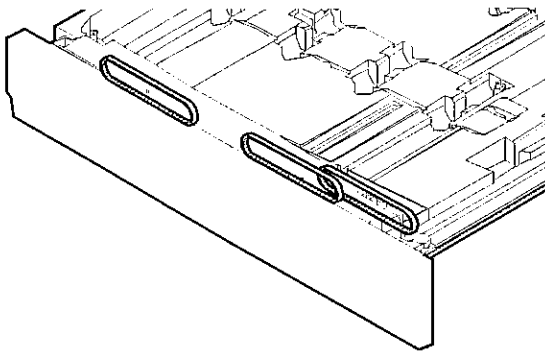
a. Drive unit

- 1) Remove the drive unit.



b. ADU unit

- 1) Remove the ADU unit.



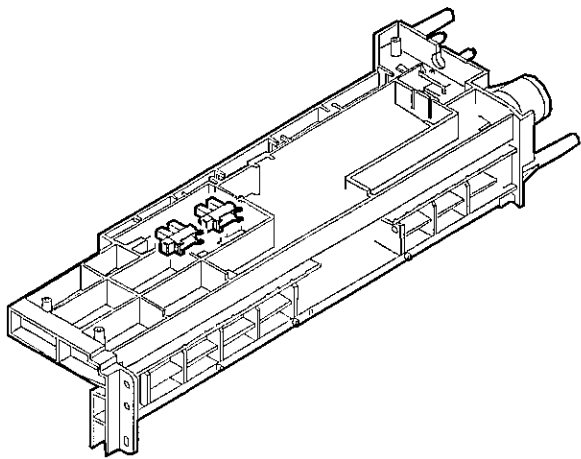
D. Others

Part name		Call	50K	100K	150K	200K	250K	300K	350K	400K	Remark
Others	Sensors	×		×		×		×		×	

(1) Sensors

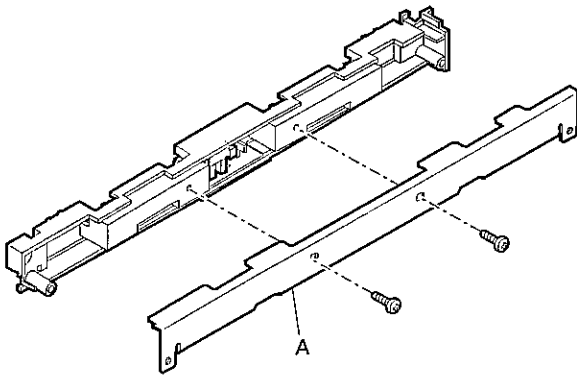
a. Paper feed unit

- 1) Remove the paper feed unit.



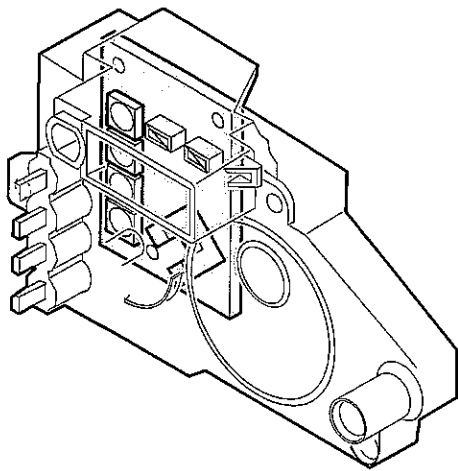
b. Transport paper guide upper unit

- 1) Remove the transport paper guide upper unit.
2) Remove the screw, and remove the metal plate (A).



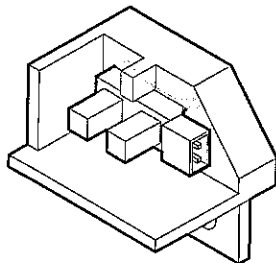
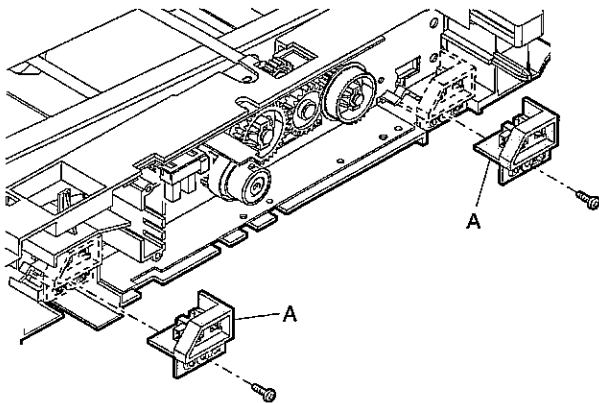
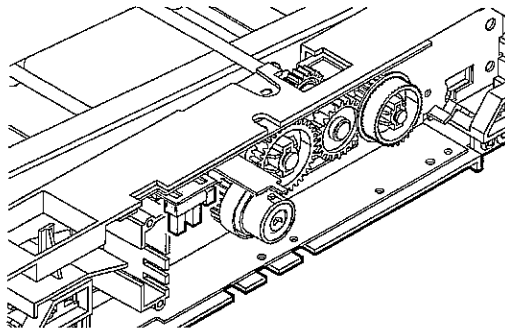
c. Lift-up unit

- 1) Remove the lift-up unit.



d. ADU unit

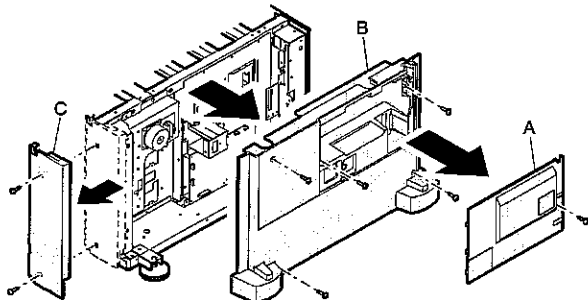
- 1) Remove the ADU unit.



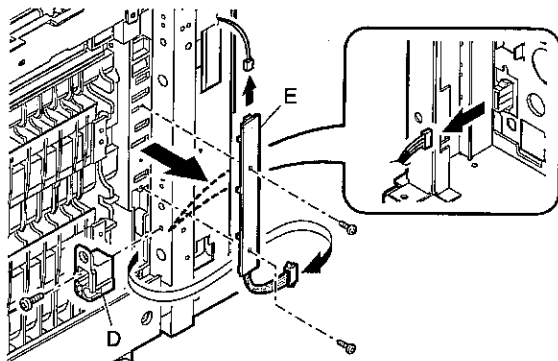
E. Major parts

(1) PFD PWB removal

- 1) Remove the right cabinet rear. (Refer to the vertical transport roller upper removal.)
- 2) Remove the right door unit. (Refer to the vertical transport rollers 1 and 2 removal.)
- 3) Remove the screw, and remove the power cover (A).
- 4) Remove the screw, and remove the rear cabinet (B) and the right rear cabinet (C).

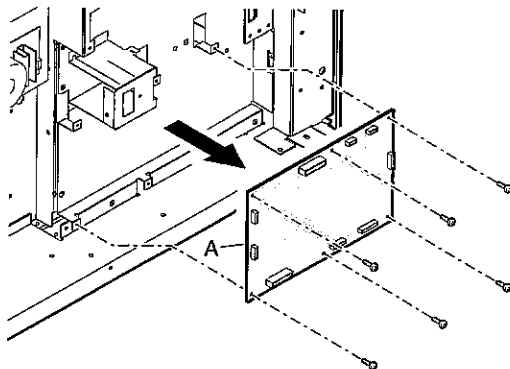


- 5) Remove the screw, and remove the right door fulcrum holder (D).
- 6) Remove the connectors and screws and remove the PFD PWB (E).



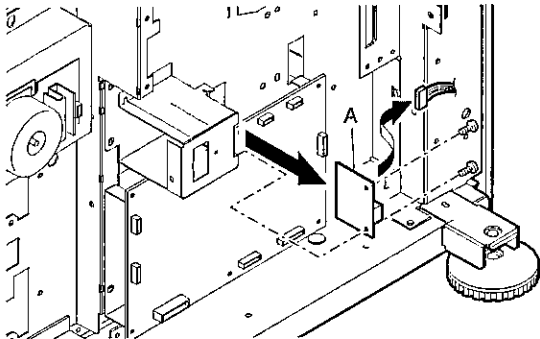
(2) Desk control PWB removal

- 1) Remove the power cover and the rear cabinet. (Refer to the PFD PWB removal.)
- 2) Remove the connector and the screw, and remove the desk control PWB (A).



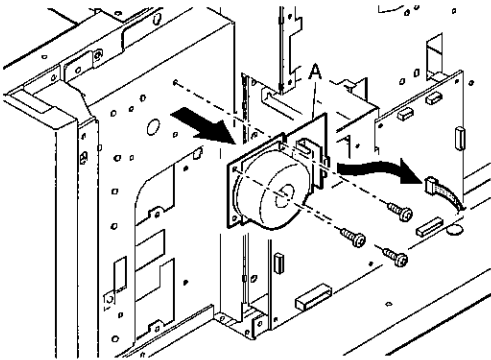
(3) PC interface PWB removal

- 1) Remove the power cover and the rear cabinet. (Refer to the PFD PWB removal.)
- 2) Remove the connector and the screw, and remove the PC interface PWB (A).



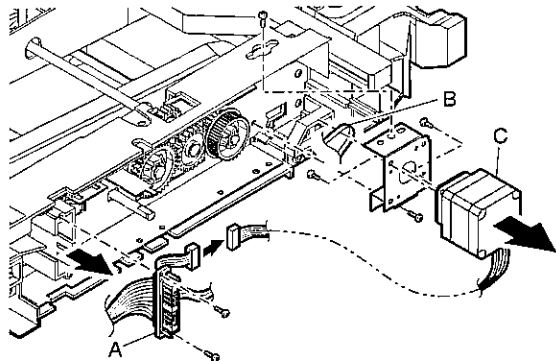
(4) Paper feed drive motor removal

- 1) Remove the power cover and the rear cabinet. (Refer to the PFD PWB removal.)
- 2) Remove the connector and the screw, and remove the paper feed drive motor (A).



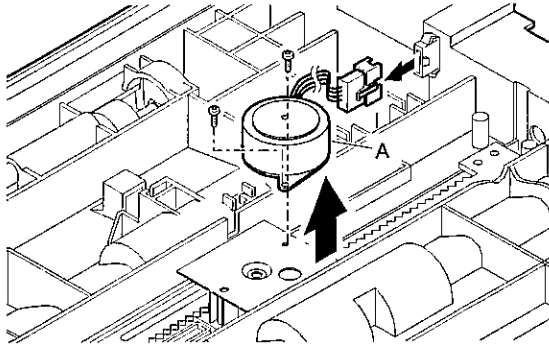
(5) ADU transport motor removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the screw, and remove the connector (A).
- 3) Disconnect the ADU transport motor connector from the connector (A).
- 4) Remove the screw and remove the belt (B) and remove the ADU transport motor unit (B, C).
- 5) Remove the screw and remove the ADU transport motor (C).



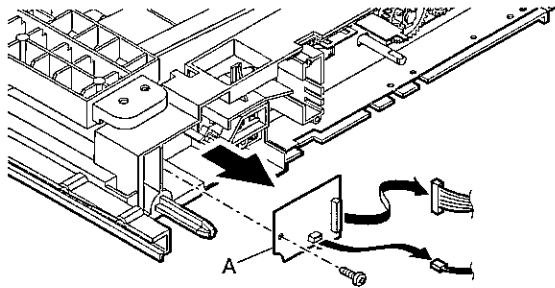
(6) Alignment motor removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the connector, the screw, and the alignment motor (A).

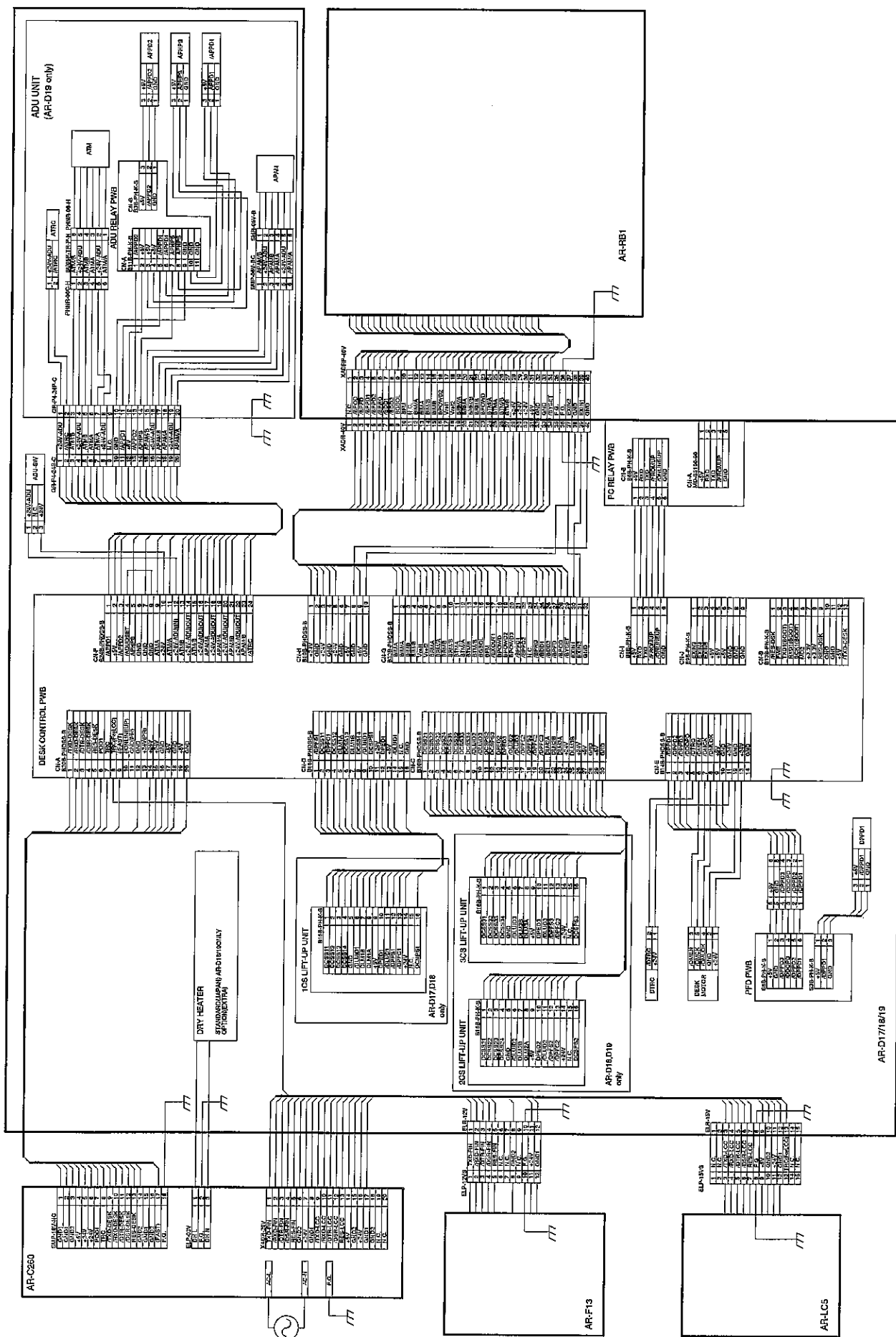


(7) Relay PWB removal (AR-D19 only)

- 1) Remove the ADU unit. (Refer to the ADU unit removal.)
- 2) Remove the connector, the screw, and the relay PWB (A).



AR-D17/D18/D19 ELECTRICAL SECTION 7 - 1

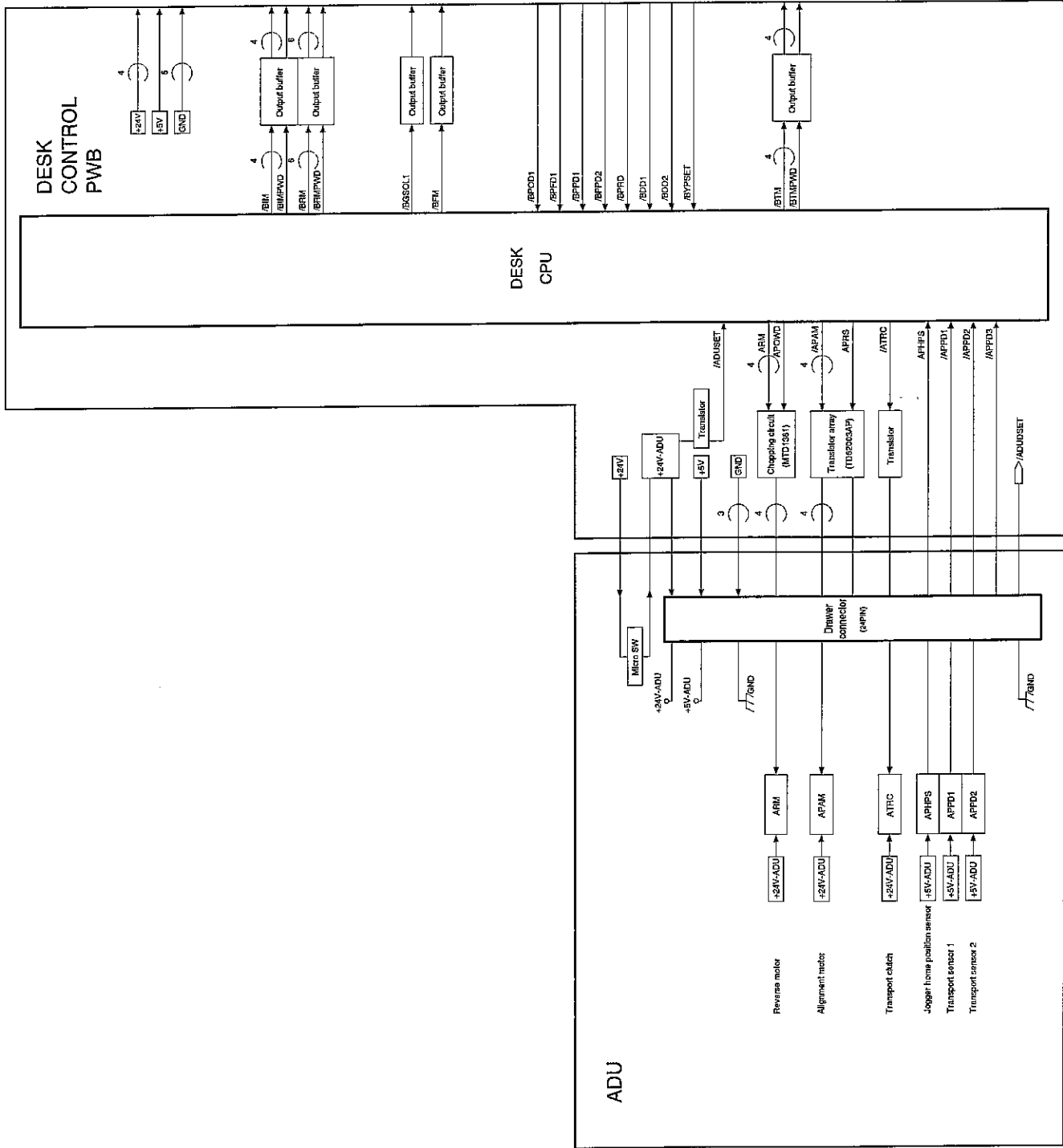


(2) Signal list

SIGNAL NAME	NAME	Function/Operation	Section
APAM	Alignment motor	Aligns paper in ADU.	AR-D19
APHPs	Alignment plate home position detection	Detects the alignment plate in ADU.	AR-D19
APPD1	ADU transport sensor 1	Detects paper transport in ADU.	AR-D19
APPD2	ADU transport sensor 2	Detects paper transport in ADU.	AR-D19
ATM	ADU transport motor	Drives the paper transport section in ADU.	AR-D19
ATRC	ADU transport clutch	Controls ON/OFF of the transport roller in ADU.	AR-D19
DCSPSx	Paper remaining quantity sensor	Detects the remaining quantity of paper.	AR-D17/D18
DCSSx	Paper size sensor	Detects the paper size.	AR-D17/D18/D19
DDOPD	Door open sensor	Detects opening of the right door.	AR-D17/D18
DLMx	Lift motor	Drives the lift plate.	AR-D17/D18/D19
DLUDx	Paper upper limit sensor	Detects the paper upper limit position.	AR-D17/D18/D19
DM	Paper feed drive motor	Drives the paper feed section and the paper transport section.	AR-D17/D18/D19
DPEDx	Paper empty sensor	Detects paper presence on the paper tray.	AR-D17/D18/D19
DPFCx	Paper feed clutch	Controls ON/OFF of the paper feed roller.	AR-D17/D18/D19
DPFSx	Pickup solenoid	Presses the paper pickup roller onto paper.	AR-D17/D18/D19
DPPD1	Paper transport sensor 1	Detects paper transport.	AR-D17/D18/D19
DPPD2	Paper transport sensor 2	Detects paper transport.	AR-D17/D18
DPPD3	Paper transport sensor 3	Detects paper transport.	AR-D17/D18
DTRC	Transport clutch	Controls ON/OFF of the transport roller.	AR-D17/D18/D19

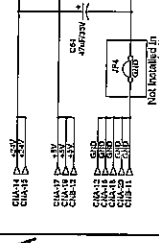
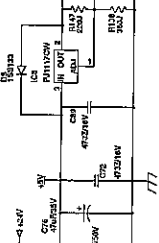
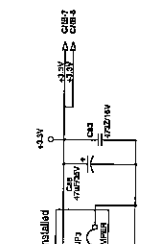
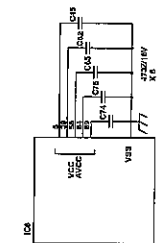
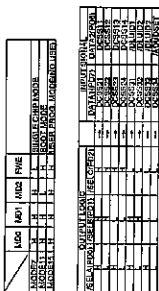
1/2





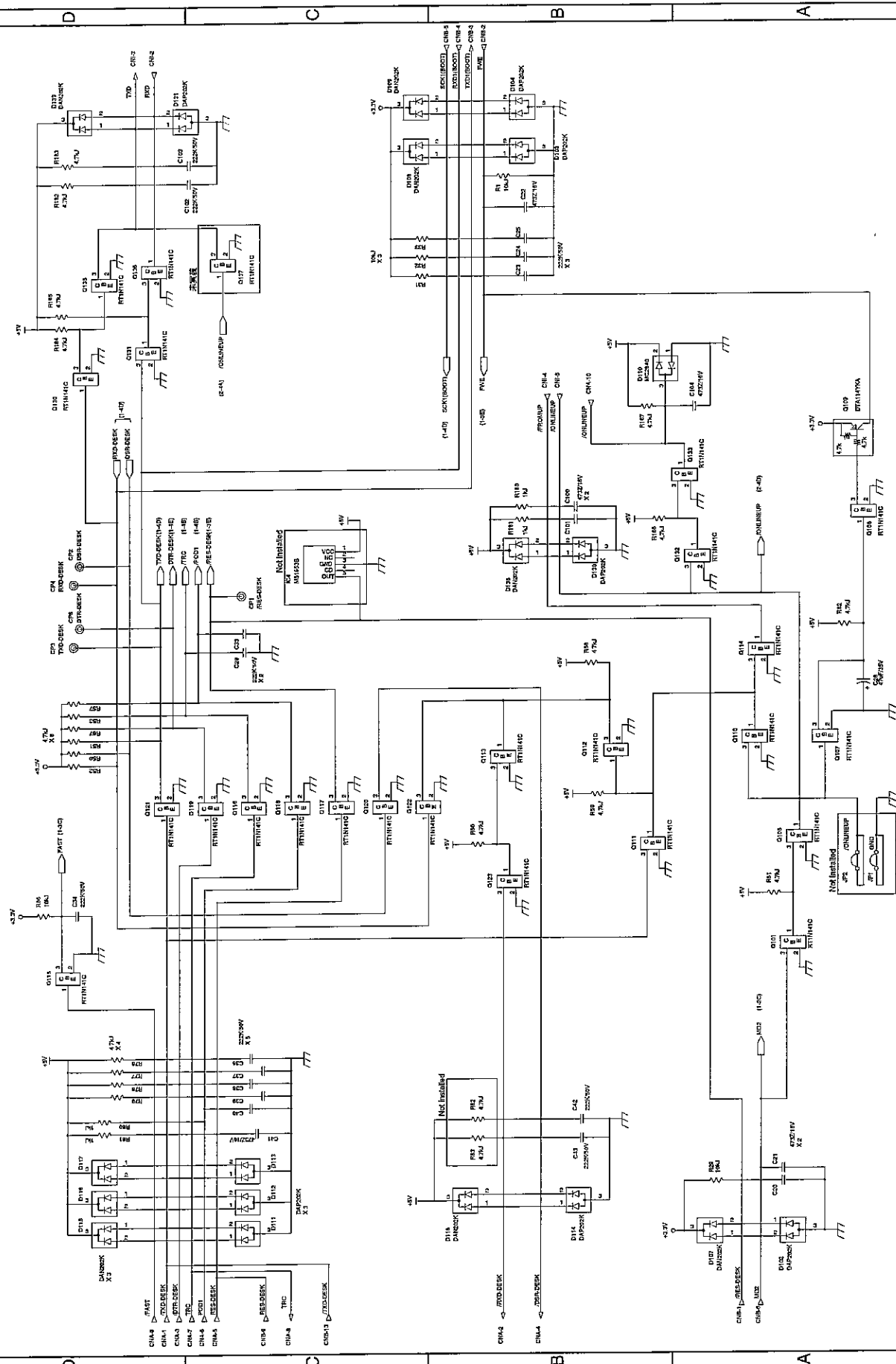
1/4

Run Cases / Experiments	Average Node Percent Occupied		Min. % of Cells Occupied		Max. % of Cells Occupied	
	AVG	MIN	MIN	MAX	MIN	MAX
1	1.00	1.00	1.00	1.00	1.00	1.00
2	1.00	1.00	1.00	1.00	1.00	1.00
3	1.00	1.00	1.00	1.00	1.00	1.00
4	1.00	1.00	1.00	1.00	1.00	1.00
5	1.00	1.00	1.00	1.00	1.00	1.00
6	1.00	1.00	1.00	1.00	1.00	1.00
7	1.00	1.00	1.00	1.00	1.00	1.00
8	1.00	1.00	1.00	1.00	1.00	1.00
9	1.00	1.00	1.00	1.00	1.00	1.00
10	1.00	1.00	1.00	1.00	1.00	1.00
11	1.00	1.00	1.00	1.00	1.00	1.00
12	1.00	1.00	1.00	1.00	1.00	1.00
13	1.00	1.00	1.00	1.00	1.00	1.00
14	1.00	1.00	1.00	1.00	1.00	1.00
15	1.00	1.00	1.00	1.00	1.00	1.00
16	1.00	1.00	1.00	1.00	1.00	1.00
17	1.00	1.00	1.00	1.00	1.00	1.00
18	1.00	1.00	1.00	1.00	1.00	1.00
19	1.00	1.00	1.00	1.00	1.00	1.00
20	1.00	1.00	1.00	1.00	1.00	1.00
21	1.00	1.00	1.00	1.00	1.00	1.00
22	1.00	1.00	1.00	1.00	1.00	1.00
23	1.00	1.00	1.00	1.00	1.00	1.00
24	1.00	1.00	1.00	1.00	1.00	1.00
25	1.00	1.00	1.00	1.00	1.00	1.00
26	1.00	1.00	1.00	1.00	1.00	1.00
27	1.00	1.00	1.00	1.00	1.00	1.00
28	1.00	1.00	1.00	1.00	1.00	1.00
29	1.00	1.00	1.00	1.00	1.00	1.00
30	1.00	1.00	1.00	1.00	1.00	1.00
31	1.00	1.00	1.00	1.00	1.00	1.00
32	1.00	1.00	1.00	1.00	1.00	1.00
33	1.00	1.00	1.00	1.00	1.00	1.00
34	1.00	1.00	1.00	1.00	1.00	1.00
35	1.00	1.00	1.00	1.00	1.00	1.00
36	1.00	1.00	1.00	1.00	1.00	1.00
37	1.00	1.00	1.00	1.00	1.00	1.00
38	1.00	1.00	1.00	1.00	1.00	1.00
39	1.00	1.00	1.00	1.00	1.00	1.00
40	1.00	1.00	1.00	1.00	1.00	1.00
41	1.00	1.00	1.00	1.00	1.00	1.00
42	1.00	1.00	1.00	1.00	1.00	1.00
43	1.00	1.00	1.00	1.00	1.00	1.00
44	1.00	1.00	1.00	1.00	1.00	1.00
45	1.00	1.00	1.00	1.00	1.00	1.00
46	1.00	1.00	1.00	1.00	1.00	1.00
47	1.00	1.00	1.00	1.00	1.00	1.00
48	1.00	1.00	1.00	1.00	1.00	1.00
49	1.00	1.00	1.00	1.00	1.00	1.00
50	1.00	1.00	1.00	1.00	1.00	1.00
51	1.00	1.00	1.00	1.00	1.00	1.00
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53	1.00	1.00	1.00	1.00	1.00	1.00

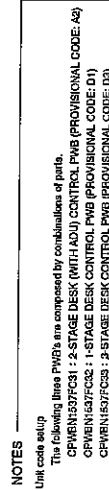


DESK CONTROL PWB

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TXD-DESK	1	2	RXD-DESK
JTD-DESK	3	4	JSD-DESK
RES-DESK	5	6	P0D1
TRC	7	8	TRC(For LCC)
JFASD	9	10	JONLINEUP
GND(P/R)	11	12	GND
+24V(P/R)	13	14	+24V
+24V	15	16	GND
+5V	17	18	GND
+5V	19	20	GND

/DPF51	1	2	DCSS11
/DPFC1	3	4	DCSS12
DLM1A	5	6	DCSS13
DLM1B	7	8	DCSS14
/DLUD1	9	10	DCSP51
+24V	11	12	DPED1
+5V	13	14	/DLUD1
N.C.	15	16	GND

+24V	1	2	GND
+24V	3	4	GND
+24V	5	6	GND
+5V	7	8	GND
+5V	9	10	GND

EXIN3	1
EXIN4	2
EXIN5	3
+5V	4
+5V	5
+5V	6
GND	7
GND	8
GND	9

/DPPD1	1	2	/DPPD2
/DPPD3	3	4	/DPPD4
/DTRC	5	6	/DMEN
/DMCK	7	8	/DMLOK
+5V	9	10	GND
+24V	11	12	GND
+24V	13	14	GND

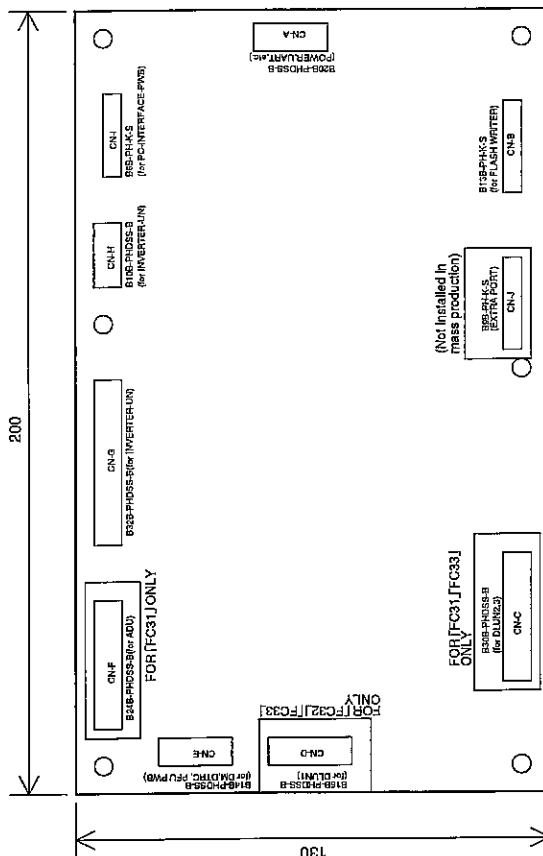
+5V	1
RXD	2
TXD	3
/FROMUP	4
/ONLINEUP	5
GND	6

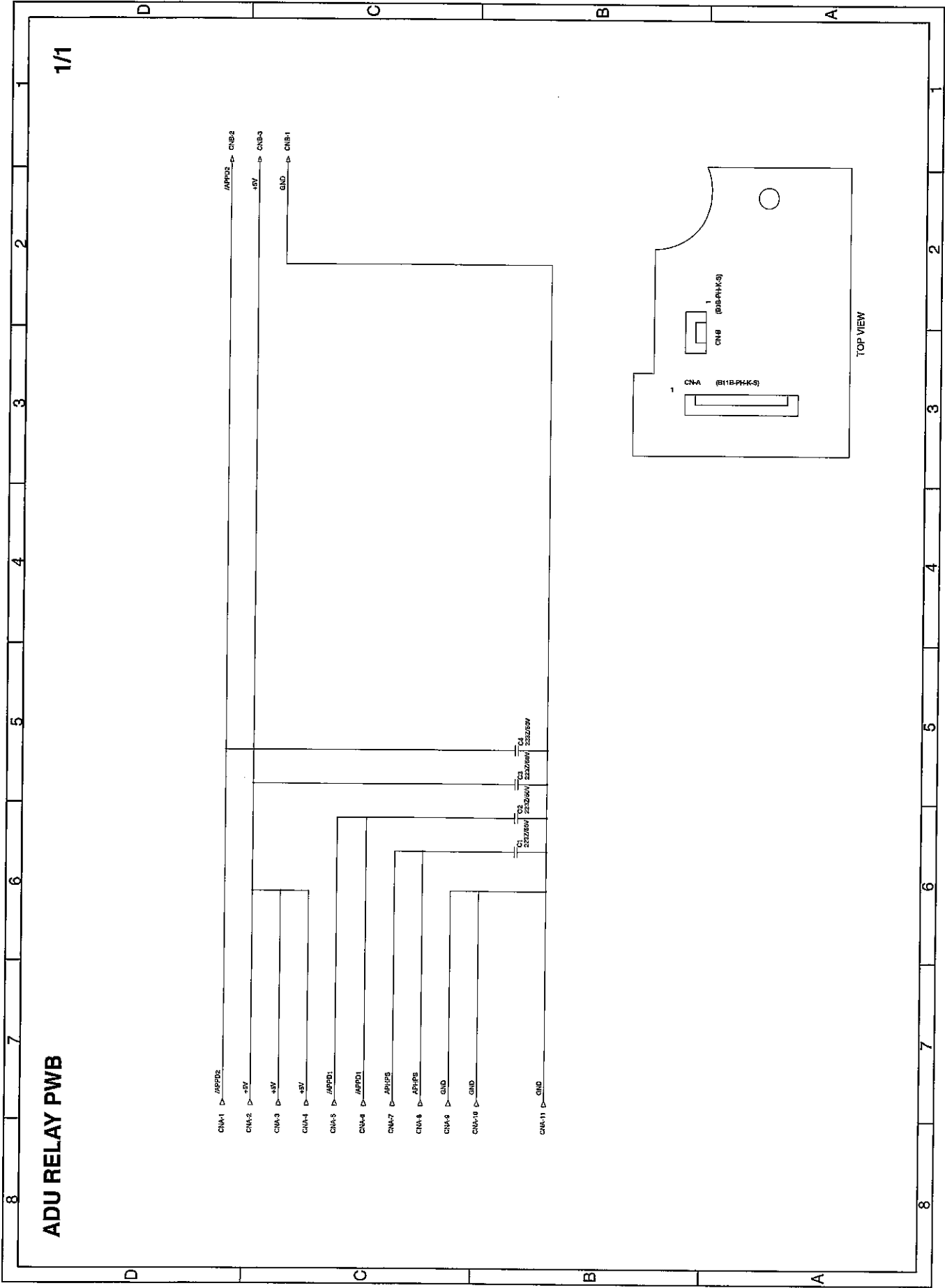
1	/RES-DISK
2	FWE
3	TXD1(BOOT)
4	RXK1(BOOT)
5	SCX1(BOOT)
6	MD2
7	+3.3V
8	+3.3V
9	RES-DISK
10	GND
11	GND
12	+5V
13	/TXD-DESK

	1	2	+5V
/APPD1	3	4	/AUDSET
/APPD2	5	6	GND
APHS	7	8	GND
GND	9	10	GND
	11	12	+24V
ATM1A	13	14	+24V-AUJ(OUT)
ATM1B	15	16	+24V-AUJ(OUT)
ATM1A	17	18	+24V-AUJ(OUT)
APAM1A	19	20	+24V-AUJ(OUT)
APAM1B	21	22	+24V-AUJ(OUT)
APAM1A	23	24	/ATRC

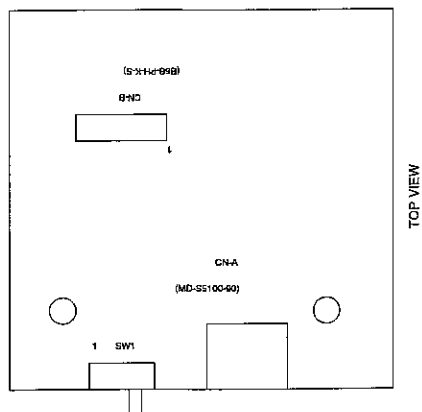
BMA	1	2	BMA
BMB	3	4	BMB
Vref1	5	6	Vref2
BRMA	7	8	BRMA
BRMB	9	10	BRMB
BTMA	11	12	BTMA
BTMB	13	14	BTMB
BQSO1	15	16	BFM
/EXOUT1	17	18	BPOWD
BPOWD2	19	20	BPOWD3
/BPDP1	21	22	/BPDP2
N.C.	23	24	/BPDP
/ADD1	25	26	/BDD2
/BPDP	27	28	/BPDP
/BYS1	29	30	EXIN1
EXIN2	31	32	GND

DCSS21	1	2	DCSS22
DCSS23	3	4	DCSS24
DCSS31	5	6	DCSS32
DCSS33	7	8	DCSS34
DCSS42	9	10	DLUD3
DCSF52	11	12	DCSP53
DPED2	13	14	DPED3
DLUD2	15	16	DLUD3
DPF52	17	18	DPF53
DPFC2	19	20	DPFC3
DLM2A	21	22	DLM2B
DLM3A	23	24	+24V
DLM3B	25	26	+24V
+5V	27	28	GND
+5V	29	30	GND



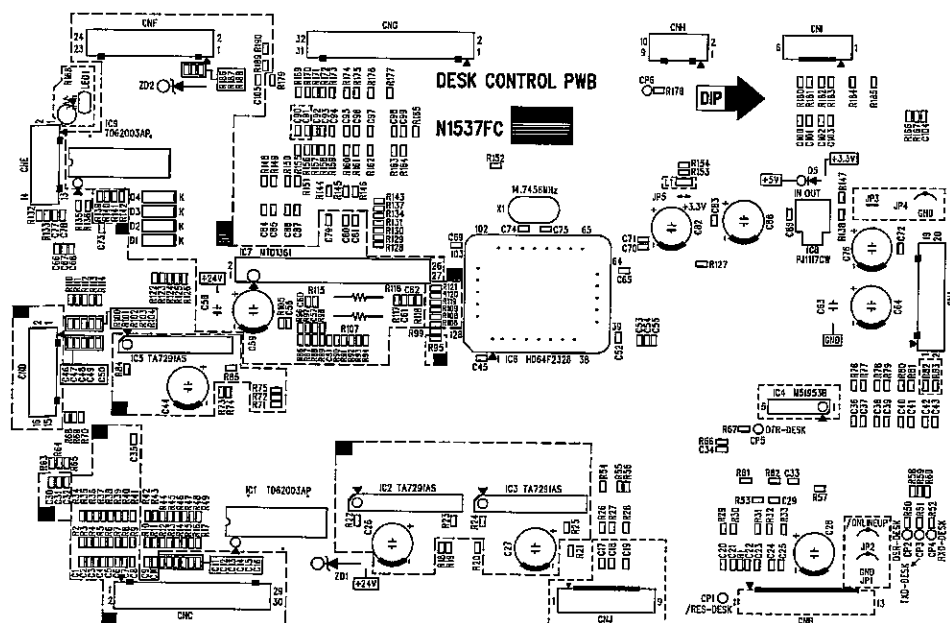


1/1

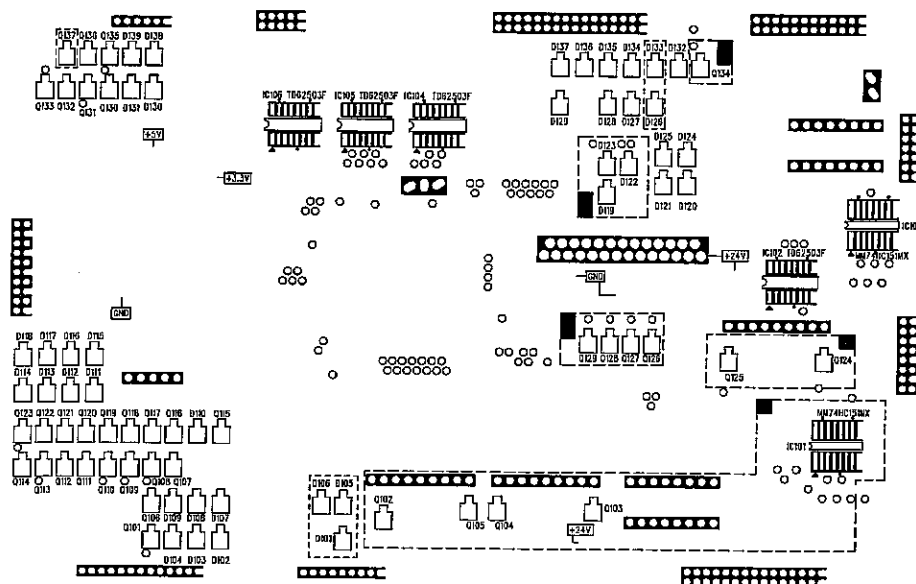


(5) PARTS ARRANGEMENT

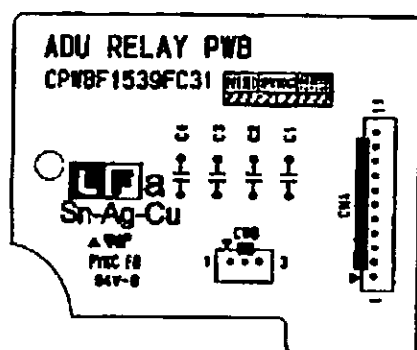
1. Parts surface



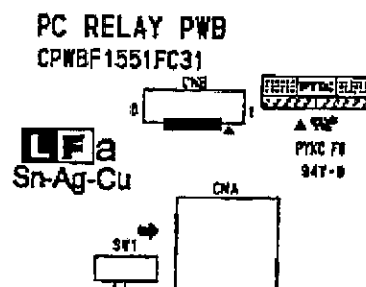
2. Solder surface



3. ADU relay PWB



4. PC relay PWB



SHARP PARTS GUIDE

MODEL	AR-D17	STAND/1×500 SHEET PAPER DRAWER 1段給紙デスク	(EXCEPT JAPAN)
	AR-D18	STAND/3×500 SHEET PAPER DRAWER 3段給紙デスク	
	AR-D19	DUPLEX MODULE/2×500 SHEET PAPER DRAWER 両面付き2段給紙デスク	

このパーツガイドに掲載されている表示価格ランクは消費税抜きです。

CONTENTS

- 1 外装部 (Exterior)
 - 2 フレーム部 (Frame)
 - 3 用紙搬送ユニット 1 (Paper transport unit 1)
 - 4 用紙搬送ユニット 2 (Paper transport unit 2)
 - 5 用紙搬送ユニット 3 (Paper transport unit 3)
 - 6 駆動ユニット (Drive unit)
 - 7 後フレーム部 (Rear frame)
 - 8 梱包 & 付属品 (Packing material & Accessories)
 - 9 トレイ給紙ユニット (Tray Paper feed unit)
 - 10 トレイユニット (Tray unit)
 - 11 ADU ユニット 1 (ADU unit 1)...AR-D19
 - 12 ADU ユニット 2 (ADU unit 2)...AR-D19
 - 13 圧解ユニット (Pressure release unit)...AR-D19
 - 14 配線部 (Wiring section)
- 索引 (Index)

補修部品のランク付

市場における補修部品の在庫管理が、適正に運営出来る手助けとなることを、目的とします。

Aランク：メンテナンスパーツ、メンテナンスパーツには入っていないがメンテナンスパーツに近い消耗パーツ。

Bランク：性能・機能パーツ（センサー、クラッチ等の電気パーツ）、消耗パーツ。

Eランク：基板含むユニットパーツ。

Dランク：整備パーツ（外装、パッキング、同梱パーツ）。

Cランク：上記ランク以外のパーツ（基板の子部品を除いたもの）。

DEFINITION

The definition of each Rank is as follows and also noted in the list

A: Maintenance parts, and consumable parts which are not included in but closely related to maintenance parts.

B: Performance/function parts (sensors, clutches, and other electrical parts), consumable parts.

E: Unit parts including PWB.

D: Preparation parts (External fitting, packing, parts packed together).

C: Parts other than the above (excluding sub components of PWB).

安全性・信頼性確保のため部品は、必ず正規のものをご使用下さい。

△印の商品は、安全上重要な部品です。交換をする時は、安全及び性能維持のため必ず指定の部品をご使用下さい。

Because parts marked with "△" is indispensable for the machine safety maintenance and operation, it must be replaced with the parts specific to the product specification.

○ 当モデルのサービス資料には、この資料以外にサービスマニュアル（回路図含む）があります。合わせてご利用下さい。

○ Other than this Parts Guide, please refer to documents Service Manual(including Circuit Diagram) of this model.

○ Please use the 13 digit code described in the right hand corner of front cover of the document, when you place an order.

○ For U.S. only-Use order codes provided in advertising literature. Do not order from parts department.

1 外装部 (Exterior)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	XHBSE40P10000	AA	DD		C	Screw(4x10) ビス
2	PCOVP1689FCZZ	BG	GT	N	D	DC power supply cover 電源カバー
3	XHBSE40P12000	AA	DD		C	Screw(4x12) ビス
4	GCAB-1005FCZZ	BV	RB	N	D	Desk rear exterior WH デスク後部外装 WH
5	GCAB-1004FCZZ	BF	GN	N	D	Paper entry cover 入紙口カバー [AR-D17/D18]
7	GCAB-1003FCZZ	BU	NU	N	D	Desk left exterior WH デスク左側外装 WH
8	GCAB-1006FCZZ	BE	GN	N	D	Desk right exterior rear WH デスク右側外装後部 WH
11	0EUCOV0406JW1	AY	FQ	N	D	Desk rear under exterior デスク後部下面外装 WH
13	GCAB-1008FCZZ	BA	FX	N	D	Desk right exterior front WH デスク右側外装前部 WH
15	LHLDZ1363FCZZ	AD	DJ		C	Right door fulcrum holder F 右ドア支点継ぎ手前
16	LHLDZ1364FCZZ	AD	DJ		C	Right door fulcrum holder R 右ドア支点継ぎ手後
18	GCAB-1007FCZZ	BF	GN	N	D	Desk front exterior upper WH デスク前部外装上部 WH
20	CCOVP1688FC01	AX	FG	N	C	Tray rail left cover WH assy' トレイール左カバー WH 組品
22	LSTPP0345FCZZ	AC	DJ		C	Tray stopper left [AR-D18/D19] トレイストップ左
23	XEBSE40P16000	AA	DD		C	Screw(4x16) ビス
24	0EURAL0602J02	BG	GT	N	D	Tray rail left R desk assy' トレイールRデスク組品
26	LSTPP0344FCZZ	AC	DJ		C	Tray stopper right [AR-D18/D19] トレイストップ右
29	DUNT-6923FC12	BM	HR		E	550 Paper feeding unit 550 給紙ユニット
31	JHNDP0164FCZ1	BG	GT	N	D	Tray handle DSK lower [AR-D17] 550 トレイ取手 DSK 下
33	XEBSE40P08000	AA	DD		C	Screw(4x8) [AR-D17] ビス
40	LPLTM6058FCZZ	AS	EZ	N	C	Tray cover fixing plate R [AR-D17] トレイカバー取付板 R
41	PCOVP1643FCWZ	BB	GD	N	D	Tray handle cover DSK lower [AR-D17] トレイカバー取付板 DSK 下
42	LPLTM6057FCZZ	AS	EZ	N	C	Tray cover fixing plate L [AR-D17] トレイカバー取付板 L
43	LX-BZ0329FCZZ	AB	DD		C	Screw [Japan only] ビス
44	0EUPLT0422JZ1	AQ	EQ	N	D	Heater cove [Japan only] ヒーターカバー
45	LHLDW1490FCZZ	AD	DJ		C	Edge wire saddle(EWSE-2-01) [Japan only] エッジワイヤサドル
47	0EUPLT0444J//	AL	EB		C	Heater fixing plate [Japan only] ヒーター取付板
48	XHBSE30P04000	AA	DD		C	Screw(3x4) [Japan only] ビス
49	RHETP0092FCZZ	BE	GN	N	B	Dehumidification Heater [Japan only] W 除湿ヒーター
50	TCAUH1035FCZZ	AC	DJ		D	HT caution label [Japan only] 高温注意ラベル
51	XEBSD40P10000	AA	DD		C	Screw(4x10) [AR-D17] ビス

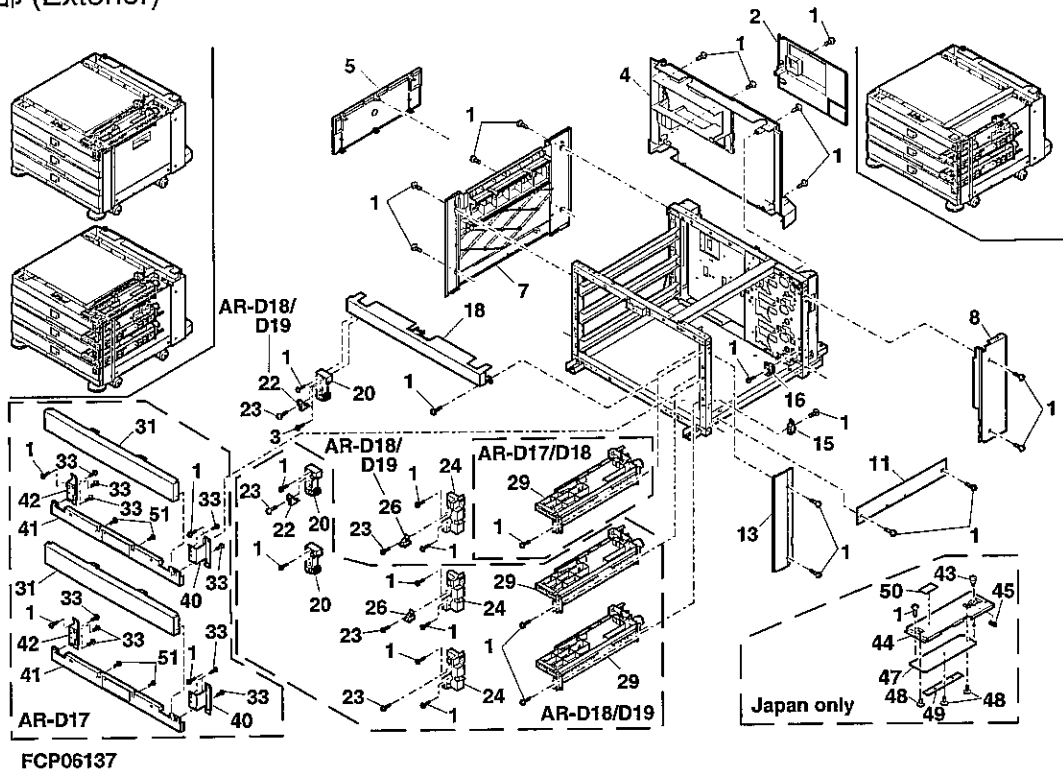
2 フレーム部 (Frame)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	LSTYM0304FCZZ	BA	FX	N	C	Desk stay デスクステー WH
2	LX-WZ0446FCZZ	AF	DS	N	C	Washer(26x10x2.3) ワッシャー
4	XHBSE40P10000	AA	DD		C	Screw(4x10) ビス
10	CPLTM6060FC01	AT	EZ	N	B	Adjuster fixing plate WH assy' アジャスター取付板 WH AS
12	LX-BZ0927FCZZ	AG	DS		C	Body position decide step screw 本体位置決定段ビス
14	LANGH1415FCZZ	AL	EB	N	B	Body joint fixing plate 本体接合補助板
16	0EUNZ-0601J//	AE	DS		C	Nut(M10) ナット
17	NSFTZ2731FCZZ	AS	EQ	N	C	Adjuster shaft R アジャスターシャフト後
18	LPLTP5831FCZ1	AP	EQ		C	Adjuster wheel(Φ80) アジャスターホイール
19	XRESP60-08000	AA	DD		C	E type ring E リング
24	0EUPLT0418J//	AZ	FQ		D	Bottom plate 底板
25	0EUPLT0419J//	AU	EZ		D	Option fixing plate オプション取付板

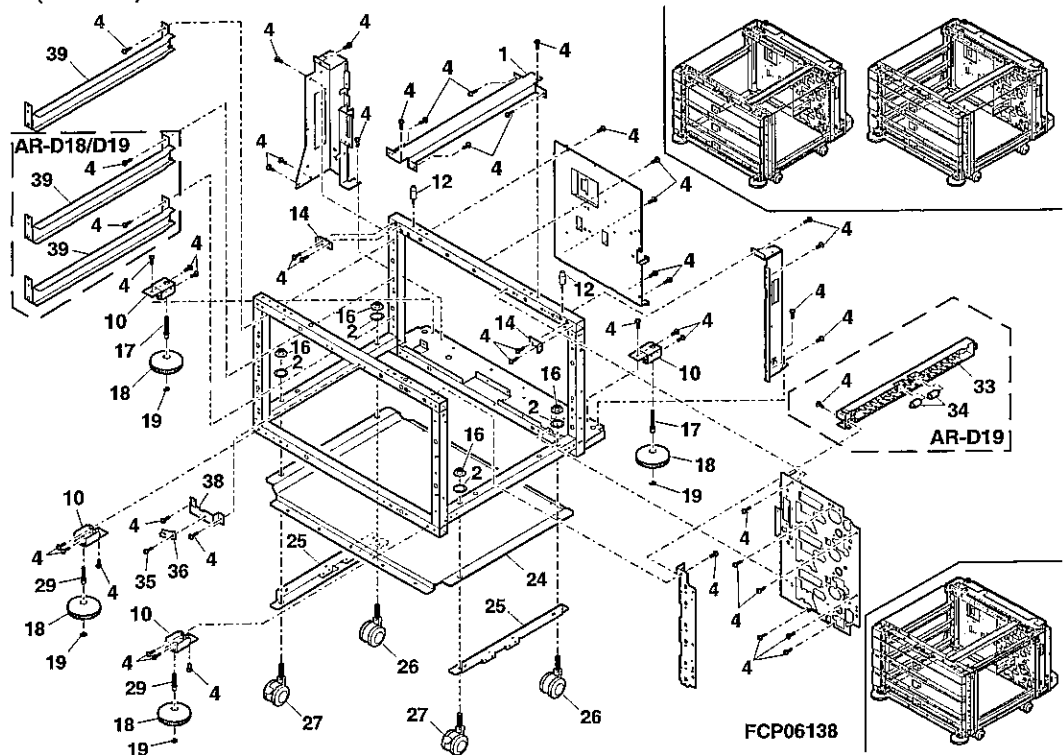
2 フレーム部 (Frame)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
25	0EUPLT0419J//	AU	EZ		D	Option fixing plate	オプション取付板
26	0EULEG0601J//	AT	EZ		D	Caster R	キャスター 後
27	0EULEG0602J//	AV	FG		D	Caster F	キャスター 前
29	NSFTZ2732FCZZ	AS	EQ	N	C	Adjuster shaft	アジャスターシャフト
33	PGIDM2005FCZZ	AZ	FX	N	C	Relay paper guide	[AR-D19] 中継ペーパーガイド
34	NRÖLP1351FCZZ	AG	DX		C	Follower roller	[AR-D19] 従動ローラー
35	LX-BZ0174FCZZ	AB	DD		C	Screw	ビス
36	0EUPLT0421J//	AF	DS		D	Body join plate F	本体接合板 F
38	LPLTM6055FCZZ	AN	EQ	N	C	Desk front exterior fixing plate WH	デスク前キャビネット取付板 WH
39	LRALM0203FCZZ	AZ	FQ	N	C	Tray rail left WH assy	カセットレール L WH

1 外装部 (Exterior)



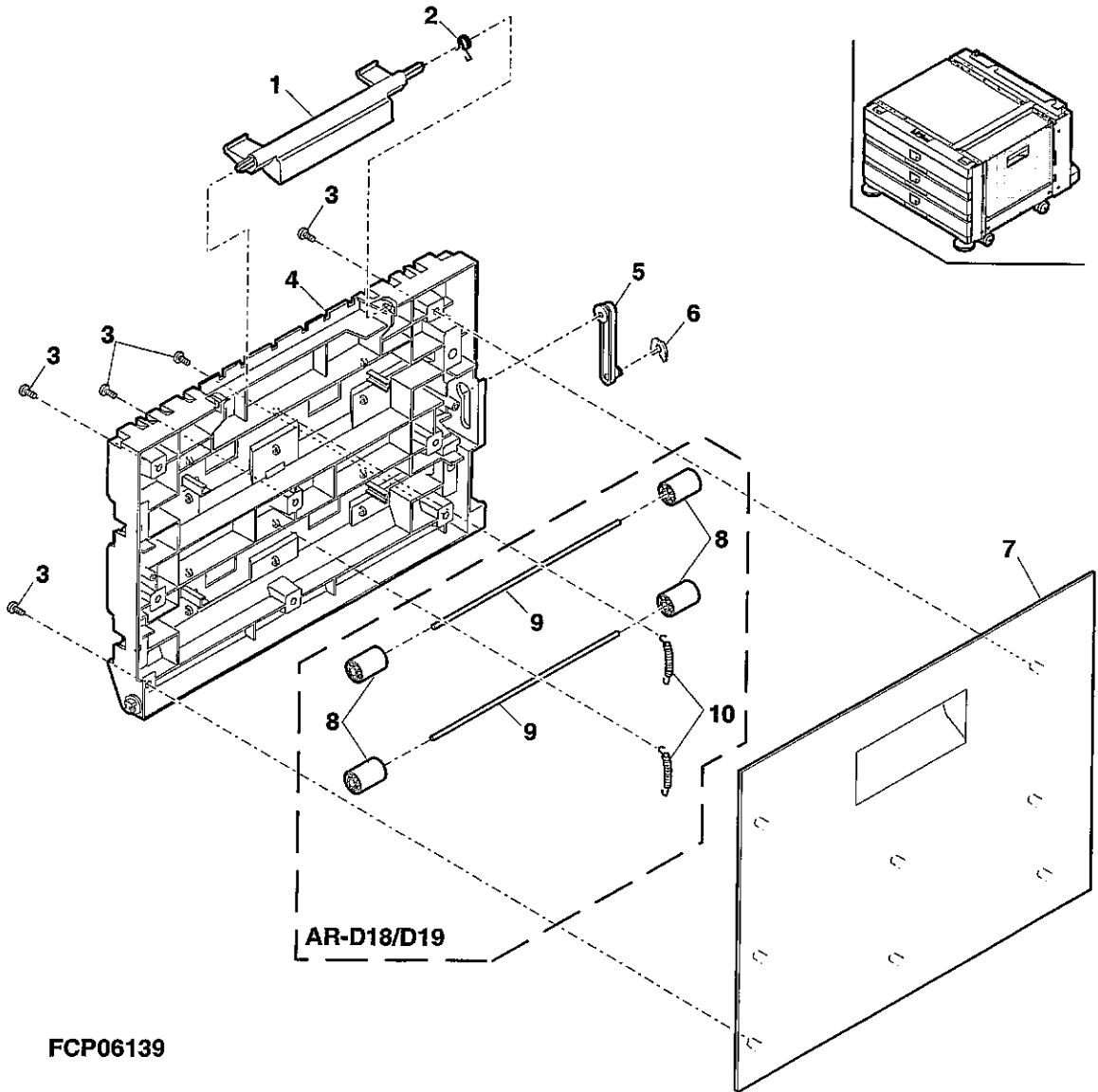
2 フレーム部 (Frame)



3 用紙搬送ユニット 1 (Paper transport unit 1)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	0EULEV0402JW1	AU	EZ	N	C	GID lock release lever	ガイドロック解除レバー
2	MSPRC2764FCZZ	AC	DJ		C	Guide lock release spring	ガイドロック解除スプリング
3	XEBSD40P12000	AA	DD		C	Screw(4x12)	ビス
4	GDOR-0029FCGZ	BP	LP	N	D	Right door D transport	右ドアD搬送
5	LSTPP0275FCZZ	AE	DS		C	Stopper	ストッパー
6	0EURNGE070-//	AB	DJ		C	E ring(E7)	Eリング
7	0EUCOV0408JW1	BN	HZ	N	D	Right door D	右ドアD
8	NROLP0896FCZZ	AC	DD		C	Transport roller	[AR-D18/D19] 搬送従動ローラー
9	NSFTZ2538FCZZ	AG	DX		C	Transport roller shaft	[AR-D18/D19] 搬送ロ軸
10	MSPRT3128FCZZ	AF	DS	N	C	Transport collar pressure spring 4	[AR-D18/D19] 搬送コリヤ圧スプリング 4

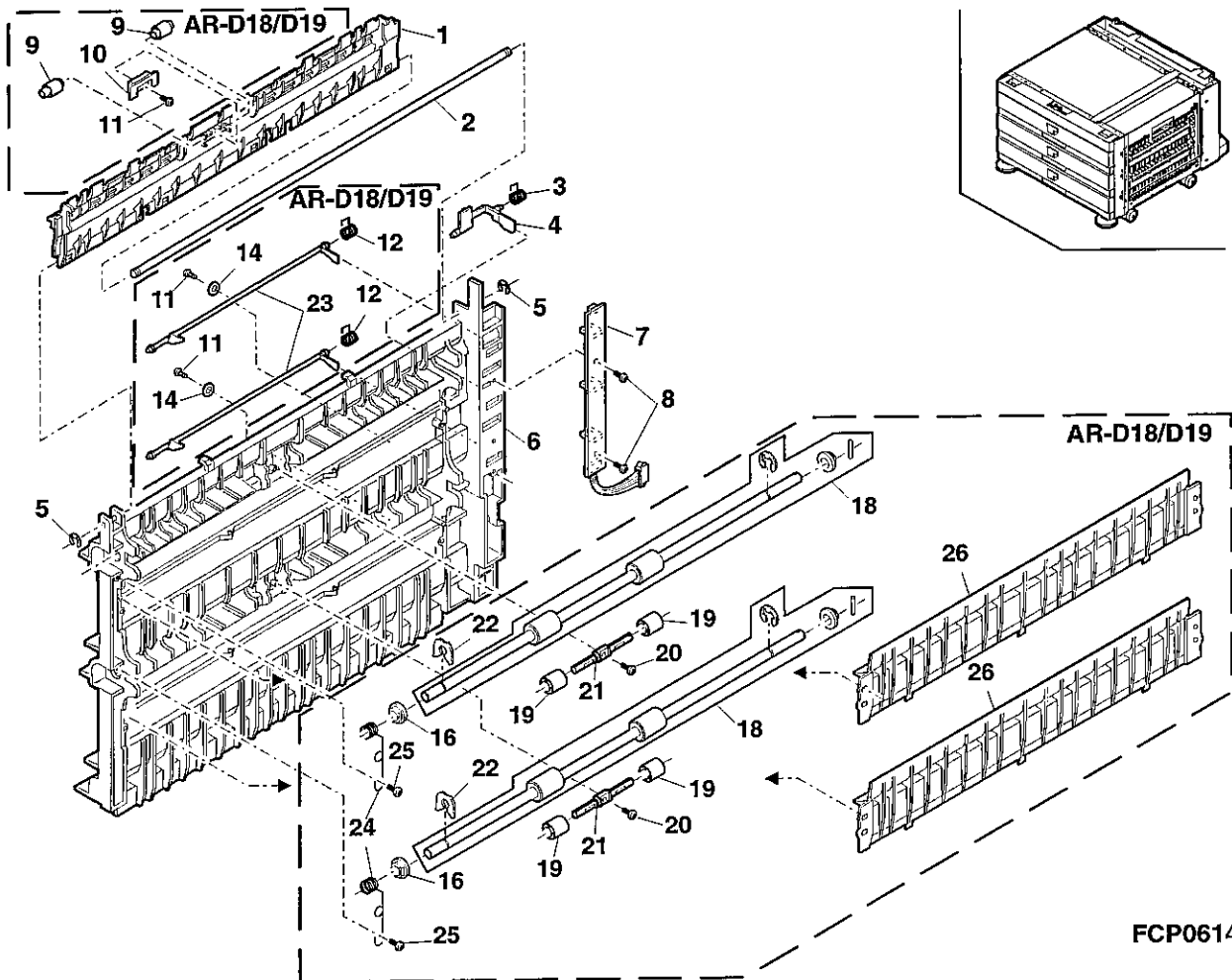
3 用紙搬送ユニット 1 (Paper transport unit 1)



④ 用紙搬送ユニット 2 (Paper transport unit 2)

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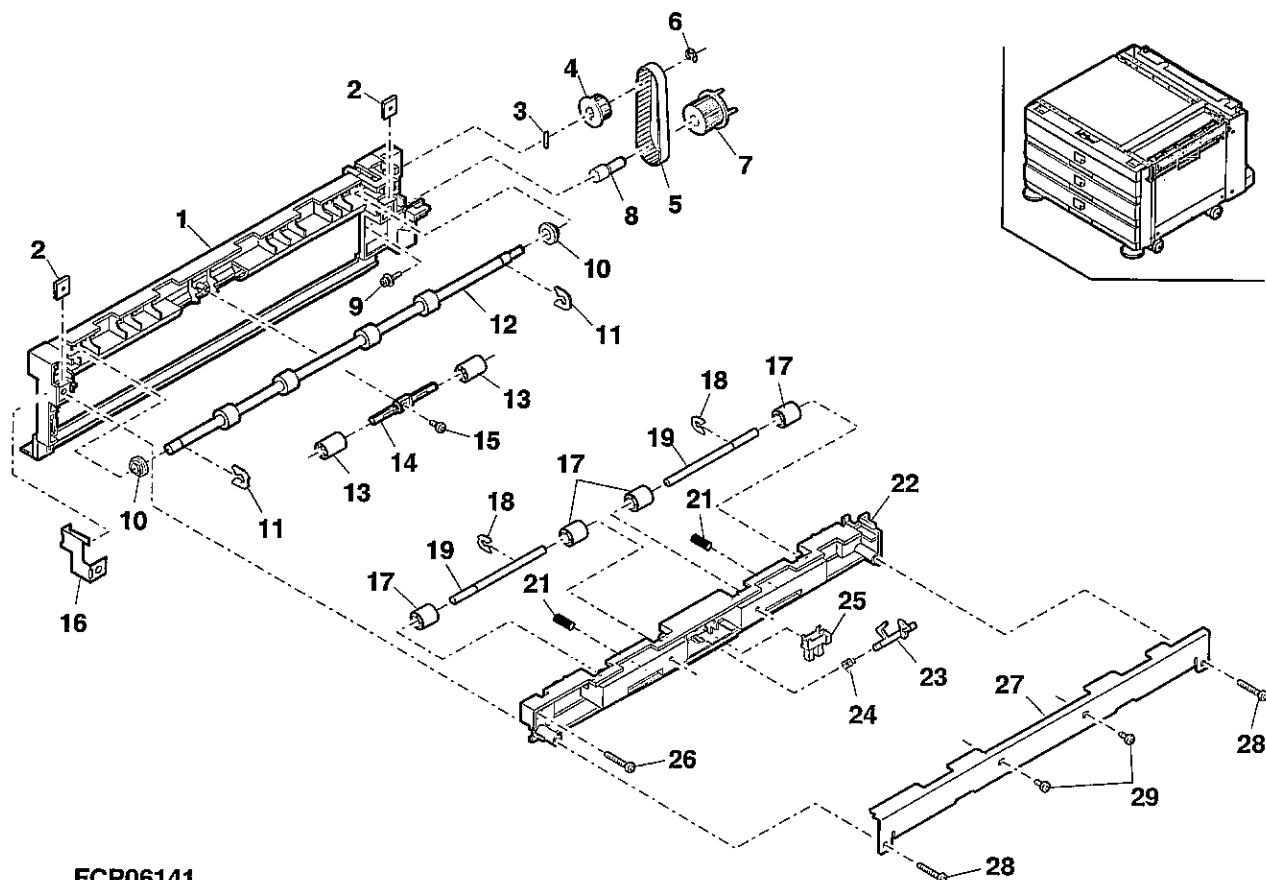
4 用紙搬送ユニット 2 (Paper transport unit 2)



5 用紙搬送ユニット 3 (Paper transport unit 3)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION	
		Ex.	Ja.				
1	LSTYP0299FCZZ	BA	FX	N	C	Transport stay upper WH	搬送ステイ上 WH
2	0EUNZ-0602J//	AC	DJ		C	Speed nut	スピードナット
3	LPINS0165FCZZ	AB	DD		C	Pin(2-8)	パイロピン
4	NPLYZ0282FCZZ	AC	DJ		C	Pusher drive pulley	プッシャー駆動プーリー
5	0EUBLT0335J//	AH	DX		B	Upper transport belt	上搬送ベルト
6	XRESP50-06000	AA	DD		C	E type ring	Eリング
7	0EUPLY0404J01	AH	DX		C	Transport pulley D assy	搬送プーリー D AS
8	0EUSFT0453J//	AH	DX		C	Transport pulley D boss	搬送プーリー D ボス
9	XBPSD30P08ES0	AB	DD	N	C	Screw(3x8ES)	ビス
10	NBRGP0191FCZZ	AB	DD		C	PF bearing(M8)	PF 軸受
11	0EURNGE070-//	AB	DJ		C	E ring(E7)	Eリング
12	NRÖLR1426FCZZ	AY	FQ	N	B	Transport roller upper WH	搬送ローラー上 WH
13	PCLR-0442FCZZ	AD	DJ		C	Sub collar	補助コ
14	LHLDZ1541FCZZ	AL	EB	N	C	Sub collar fulcrum	補助コ支点
15	XEBSD30P12000	AA	DD		C	Screw(3x12)	ビス
16	MSPRP3126FCZZ	AM	EG	N	C	Transport upper earth spring	搬送上アースバネ
17	NRÖLP1356FCZZ	AG	DX		C	Follower roller D	従動ローラー D
18	0EURNGE050-//	AB	DJ		C	E5 ring	ジュエリット E5
19	0EUSFT0407J//	AK	DX		C	Transport collar shaft 2	搬送コ軸 2
21	MSPRC3130FCZZ	AD	DJ	N	C	Transport collar pressure spring upper	搬送コ加圧スプリング 上
22	PGIDM1995FCZZ	AZ	FX	N	C	Transport paper guide upper WH	搬送ペーパーガイド上 WH
23	MLEVP0876FCZZ	AH	DX	N	C	Roller D	搬送上アクチュエーター
24	MSPRD3150FCZZ	AE	DS	N	C	Transport upper actuator spring	搬送上アクチュエーターバネ
25	VHPGP1A71L3-1	AG	DS		B	Photo sensor(GP1A71L3)	フォトセンサ
26	XBPSD40P35000	AA	DD		C	Screw(4x35)	ビス
27	0EUSTY0412JZ1	AQ	EQ	N	C	Upper UN stay	上 UN スティ
28	XUPSD40P30000	AC	DD	N	C	Screw(4x30)	ビス
29	XEBSE40P12000	AA	DD		C	Screw(4x12)	ビス

5 用紙搬送ユニット 3 (Paper transport unit 3)

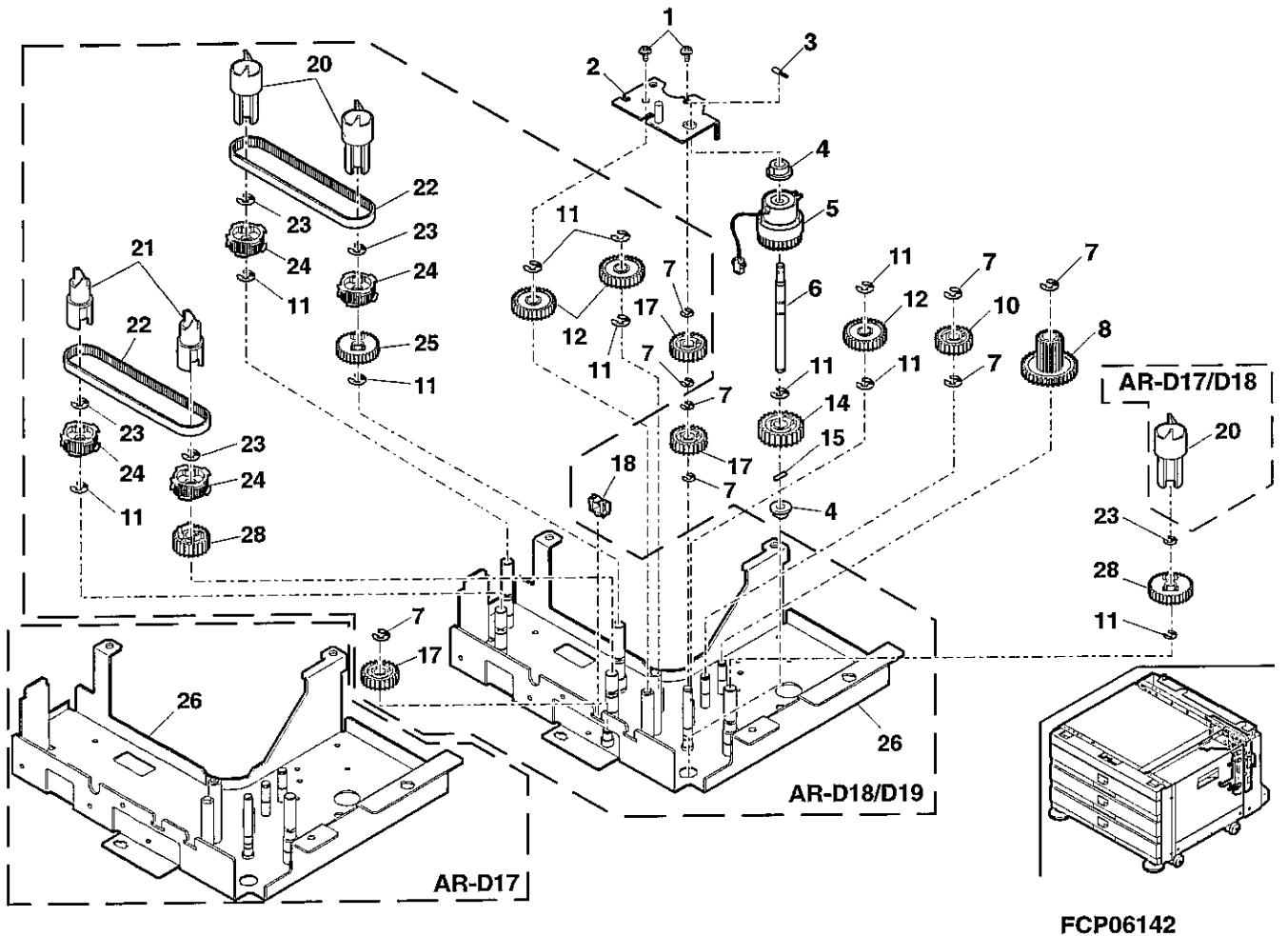


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6 駆動ユニット (Drive unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	LX-BZ3008SC0M	AA	DD		C	Screw(3×8) ビス
2	0EUPLT0420J01	AH	DX		D	Drive frame 2 駆動フレーム 2
3	LX-BZ0670FCZZ	AC	DD		C	Screw(3×8) ビス
4	NBRGC0504FCZZ	AC	DJ		C	PF bearing(F8×12×5 16X) PFベアリング
5	0EUCLC0304JZ1	BB	GD	N	B	Desk clutch(30T) デスククラッチ
6	NSFTZ2718FCZZ	AT	EZ	N	C	CL shaft A CL軸 WH
7	XRESP50-06000	AA	DD		C	E type ring Eリング
8	NGERH1527FCZZ	AN	EQ	N	B	Gear(13/40T) ギヤ
10	NGERH1403FCZZ	AG	DX		C	Gear(17/24T) ギヤ
11	XRESP70-08000	AA	DD		C	E type ring Eリング
12	NGERH1328FCZZ	AD	DJ		C	Gear(30T) ギヤ
14	NGERH0852FCZZ	AE	DJ		C	Gear 30T ギヤ30T
15	LPINS0155FCZZ	AA	DD		C	Pin(φ3-10) ピン
17	NGERH0209FCZ1	AB	DD		C	Delivery roller gear 24T 排紙ローラーギヤ 24T
18	0EUBSH0501J//	AD	DJ		C	Edge bushing エッジサドル
20	0EUCPL0303J//	AF	DS		C	Paper feeding coupling 給紙カップリング
21	0EUCPL0304J//	AF	DS		C	Transport coupling [AR-D18/D19] 搬送カップリング
22	0EUBLT0318J//	AL	EB		B	Drive belt [AR-D18/D19] 駆動ベルト
23	XRESP60-08000	AA	DD		C	E type ring Eリング
24	0EUPLY0403J//	AE	DS		C	Pulley 40P [AR-D18/D19] プーリー 40P
25	NGERH1246FCZZ	AE	DS		C	PF drive gear(33T) 給紙駆動ギヤ
26	0EUFRM0406J05	BN	LE	N	D	Drive frame 1 assy(1)' [AR-D17] 駆動フレーム1AS(1段分)
	0EUFRM0406J06	BQ	LP	N	D	Drive frame 1 assy(2)' [AR-D18/D19] 駆動フレーム1AS(2段分)
28	0EUGER0403J//	AE	DJ		C	Transport drive gear(24T) [AR-D18/D19] 搬送駆動ギヤ

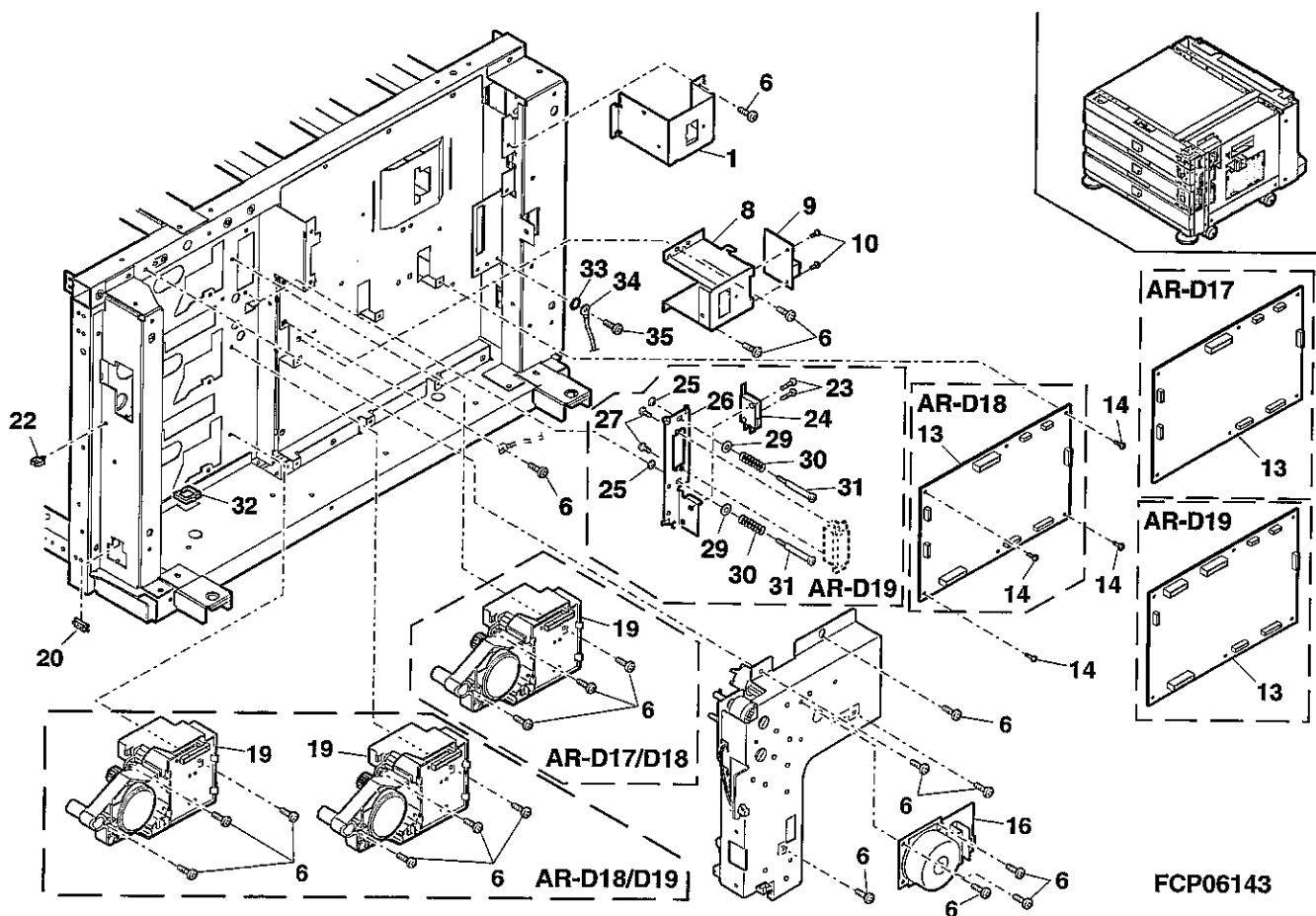
6 駆動ユニット (Drive unit)



7 後フレーム部 (Rear frame)

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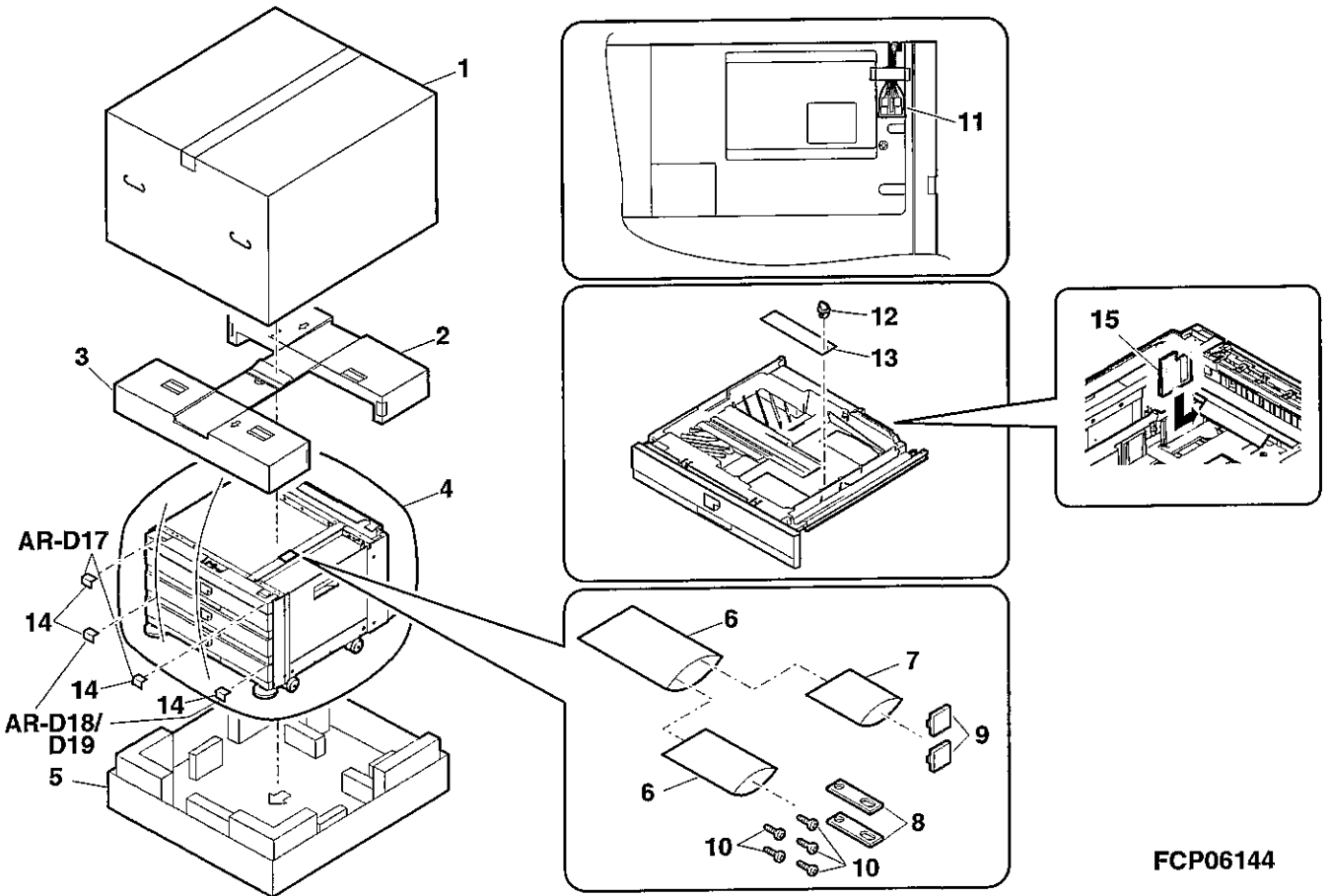
7 後フレーム部 (Rear frame)



8 梱包 & 付属品 (Packing material & Accessories)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	SPAKC6353FCZZ	BG	GT	N	D	Packing case [AR-D17] パッケージ DESK
	SPAKC6372FC11	BG	GT	N	D	Packing case [AR-D18 except Japan] パッケージ D18
	SPAKC6372FCZZ	BG	GT	N	D	Packing case [AR-D18 Japan only] パッケージ D18 J
	SPAKC6374FC11	BG	GT	N	D	Packing case [AR-D19 except Japan] パッケージ D19
	SPAKC6374FCZZ	BG	GT	N	D	Packing case [AR-D19 Japan only] パッケージ D19 J
2	SPAKA6356FCZZ	AX	FG	N	D	Top packing cushion R 天板後 UN
3	SPAKA6355FCZZ	AW	FG	N	D	Top packing cushion F 天板前 UN
4	0EUSAK0601J//	AG	DX		D	Vinyl bag(1250×700mm) ホリ袋
5	SPAKA6354FCZZ	BK	HC	N	D	Bottom case 底ケース
6	0EUSAK0602J//	AB	DJ		D	Vinyl bag(90×170mm) ホリ袋
7	SSAKA0006UCZZ	AA	DD		D	Vinyl bag(50×60mm) 付属品袋
8	LANGJ1414FCZZ	AG	DX	N	C	Body joint plate R WH 本体接合板 R WH
9	PFTA-0142FCZZ	AE	DS	N	D	Rear lid 右キレネット後用フタ
10	XHBSE40P10000	AA	DD		C	Screw(4×10) ビス
11	SPAK-545ECCZZ	AA	DD		D	Vinyl bag(100×220mm) 導電フタ
12	LHLDW1226FCZZ	AB	DJ		C	Turn fasner ターンファスナー
13	TCADZ1275FCZZ	AB	DJ		D	Cassette rotation tag カセット回転タ
14	SPAKA6438FCZZ	AB	DJ	N	D	Packing add for tray handle カセット取手固定材
15	SPAKA6439FCZZ	AC	DJ	N	D	Packing add for tray guide カセットガイド固定材

8 梱包 & 付属品 (Packing material & Accessories)

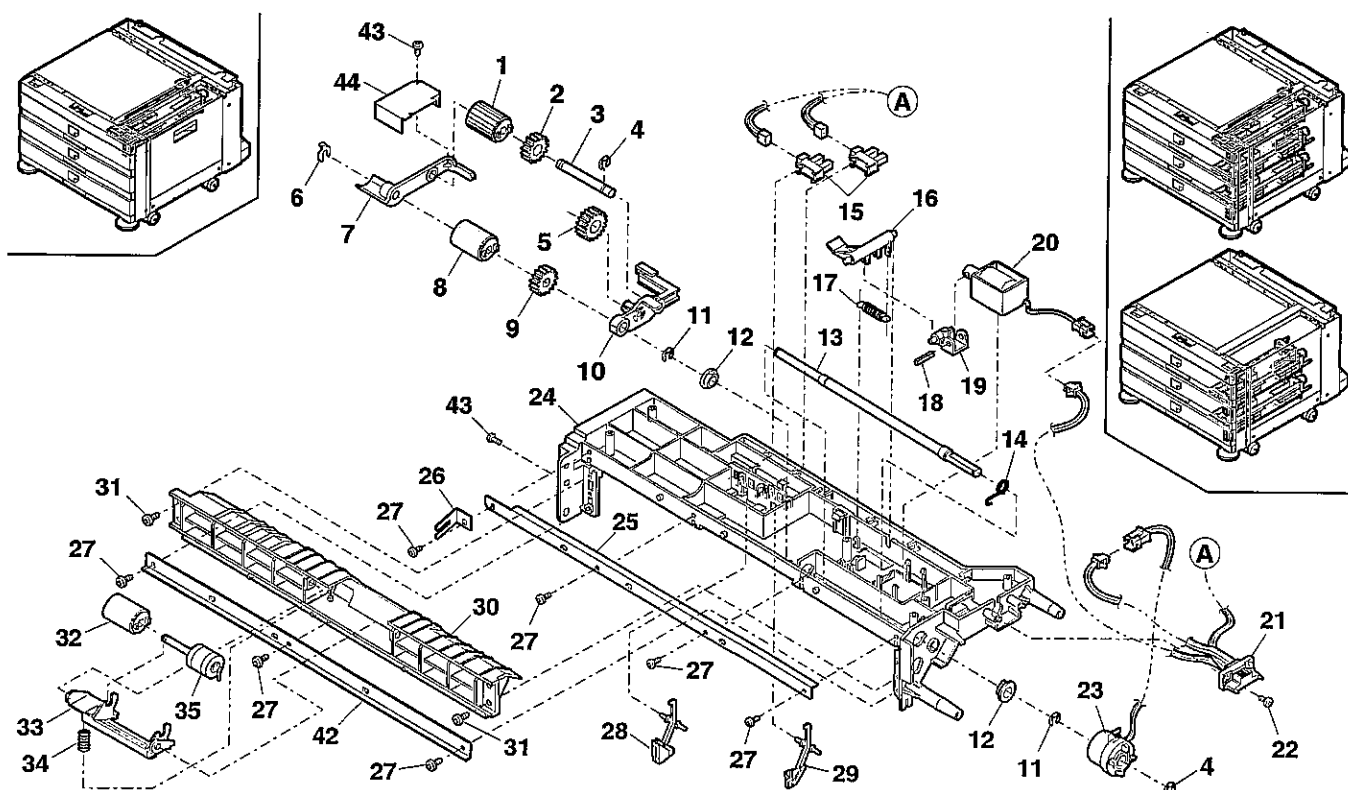


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9 トレイ給紙ユニット (Tray Paper feed unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	NROLR1219FCZZ	AL	EB		C	Pick up roller
2	NGERH1263FCZZ	AC	DJ		C	Pick up roller gear(24T)
3	NSFTZ2483FCZZ	AE	DS		C	CG pick up roller shaft
4	XRESP50-06000	AA	DD		C	E type ring
5	NGERH1274FCZZ	AC	DJ		C	Idle gear(26T)
6	LSTPP0279FCZZ	AB	DD		C	Stopper
7	MLEVP0761FCZZ	AD	DJ		C	Pick up roller lever L
8	NROLR1218FCZZ	AL	EB		C	Paper feeding roller
9	NGERH1275FCZZ	AM	EG		C	Paper feeding roller gear(24T)
10	MLEVP0762FCZZ	AD	DJ		C	Pick up roller lever R
11	XRESP70-08000	AA	DD		C	E type ring
12	NBRGP0549FCZZ	AC	DJ		C	Bearing(φ8)
13	NSFTZ2609FCZZ	AP	EQ		C	Paper feeding roller shaft
14	MSPRC2658FCZZ	AC	DJ		C	PF earth spring
15	VHPGP1A71A1-1	AG	DX		B	Photo sensor(GP1A71A1)
16	MLEVP0588FCZZ	AB	DD		C	Solenoid lever
17	MSPRC2699FCZZ	AC	DJ		C	Solenoid lever spring
18	LPI NS0317FCZZ	AB	DJ		C	Spring pin(φ3-18)
19	MARMP0250FCZZ	AC	DJ		C	Solenoid arm
20	RPLU-0327FCZ1	AQ	EQ		B	Pick up solenoid
21	DHA1-2049FC11	AQ	EQ		C	Paper feeding harness 1,2
22	XEBSD30P12000	AA	DD		C	Screw(3x12)
23	PCLC-0301FCZZ	AU	FG		B	PF clutch
24	LBRC-0048FCZ3	AQ	EQ		C	Main bracket
25	LPLTM4057FCZ2	AH	DX		C	Reinforce plate
26	MSPRP2362FCZZ	AC	DJ		C	Earth spring
27	XEBSF30P08000	AA	DD		C	Screw(3x8)
28	MLEVP0695FCZZ	AC	DJ		C	H Paper feeding lever
29	MLEVP0601FCZZ	AC	DJ		C	Sensor lever
30	PGIDM1825FCZ2	AM	EG		C	Lower guide
31	XEBSD40P10000	AA	DD		C	Screw(4x10)
32	NROLR1229FCZZ	AL	EB		C	Reverse roller
33	LPLTM5457FCZZ	AE	DJ		C	PF pressure plate
34	MSPRC2674FCZZ	AC	DJ		C	Pressure spring
35	CSFTZ2484FC31	AU	EZ		E	CG reverse roller shaft U
42	LPLTM4057FCZZ	AF	DS		C	Reinforce plate
43	XHBSE40P08000	AA	DD		C	Screw(4x8)
44	LPLTM5953FCZZ	AE	DJ		C	PF weight plate
(Unit)						
901	DUNT-6923FC12	BM	HR		E	550 Paper feeding unit(except No.43,44)

9 トレイ給紙ユニット (Tray Paper feed unit)

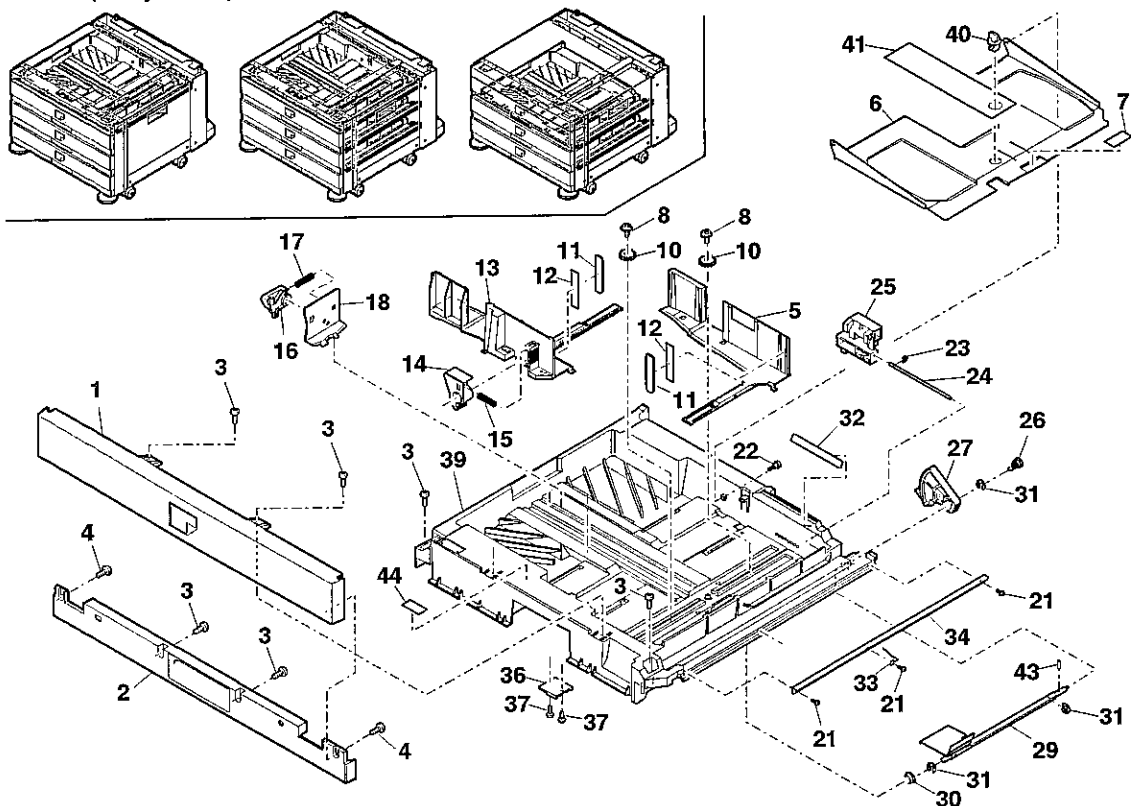


FCP06145

10 トレイユニット (Tray unit)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	JHNDP0164FCZ3	BL	HL	N	D	Tray handle DSK upper 550 トレイ取手 DSK 上
2	PCOVP1643FCZ1	AU	EZ	N	D	Tray handle cover DSK upper トレイ取手がけ DSK 上
3	XEBSD40P10000	AA	DD		C	Screw(3×10) ビス
4	XEBSE40P08000	AA	DD		C	Screw(4×8) ビス
5	LPLTP5412FCZZ	AP	EQ		C	Side plate R 側板 後
6	LPLTM5414FCZ1	AR	EQ		C	Rotation plate 回転板
7	PSHEZ3130FCZZ	AB	DD		C	Rotation plate sheet 回転板シートラミネート
8	LX-BZ0884FCZZ	AB	DD		C	Screw ビス
10	NGERH0193FCZZ	AB	DD		C	UC manual feed gear UC 手差しギヤ
11	PGIDH1833FCZ1	AC	DJ		C	Side plate guide 側板ガイド
12	PTPE-0243FCZ1	AC	DJ		C	Side plate tape 側板両面テープ
13	LPLTP5411FCZZ	AQ	EQ		C	Side plate F 側板 前
14	MLEVP0755FCZ1	AE	DJ		C	Side plate F lever 側板 前 レバー
15	MSPRC2631FCZZ	AC	DJ		C	Side plate F lever spring 側板 前 レバー スプリング
16	LPLTP5413FCZZ	AF	DS		C	Rear plate 後端板
17	MSPRC2640FCZZ	AC	DJ		C	Rear plate spring 後端板バネ
18	MLEVP0754FCZZ	AF	DS		C	Rear plate lever 後端板レバー
21	XEBSD40P08000	AA	DD		C	Screw(4×8) ビス
22	LX-BZ0833FCZZ	AC	DD		C	Rotation plate screw 回転板用段ビス
23	LSTPP0314FCZZ	AA	DJ		C	E3 stopper E3 ストップ
24	NSFTZ2467FCZZ	AF	DS		C	Size detection ratch shaft サイズ 検知ラック軸
25	LDAIU0576FCZZ	AG	DX		C	Size detection block サイズ 検知ブロック
26	MSPRC2642FCZ1	AB	DJ		C	Tray earth spring トレイアースバネ
27	NGERK1272FCZ1	AF	DS		C	Gear 扇型ギヤ
29	CSFTZ2553FC01	AN	EG		C	Lift shaft リフトシャフト
30	NBRGP0626FCZZ	AC	DJ		C	CG bearing(M8) CG 軸受
31	XLRESP70-08000	AA	DD		C	E type ring E リング
32	TLABZ4241FCZZ	AD	DJ		C	Size indication label [Japan only] サイズ 表示ラベル DSK
	TLABZ4242FCZZ	AD	DJ		C	Size indication label [AB series] サイズ 表示ラベル DSK
	TLABZ4243FCZZ	AD	DJ		C	Size indication label [Inch series] サイズ 表示ラベル DSK
33	MSPRC2669FCZZ	AB	DJ		C	Tray right earth spring トレイ右アースバネ
34	LPLTM5416FCZZ	AH	DX		C	Tray reinforce plate right トレイ補強板 右
36	LHLDZ1377FCZZ	AD	DJ		C	Rear plate holder 後端板ホルダー
37	LX-BZ0531FCZZ	AA	DD		C	Screw(4×8) 扁平タッピングビス
39	GCASP0173FCZ2	BA	FX		D	550 tray case 550 トレイケース
40	LHLDW1226FCZZ	AB	DJ		C	Turn fasner ターンファスナー
41	TCADZ1275FCZZ	AB	DJ		D	Tray caution card トレイ注意カード
43	LPINS7062SCZZ	AA	DD		C	Spring pin(3×16) スプリングピン
44	TLABZ4752FCZZ	AD	DJ	N	D	Blank label ランクラベル
(Unit)						
901	CCASP0173FC15	BG	GT		E	Tray unit [Japan only]except No.40,41 トレイユニット
	CCASP0173FC16	BG	GT		E	Tray unit [AB series]except No.40,41 トレイユニット
	CCASP0173FC17	BF	GN		E	Tray unit [Inch series]except No.40,41 トレイユニット

10 トレイユニット (Tray unit)

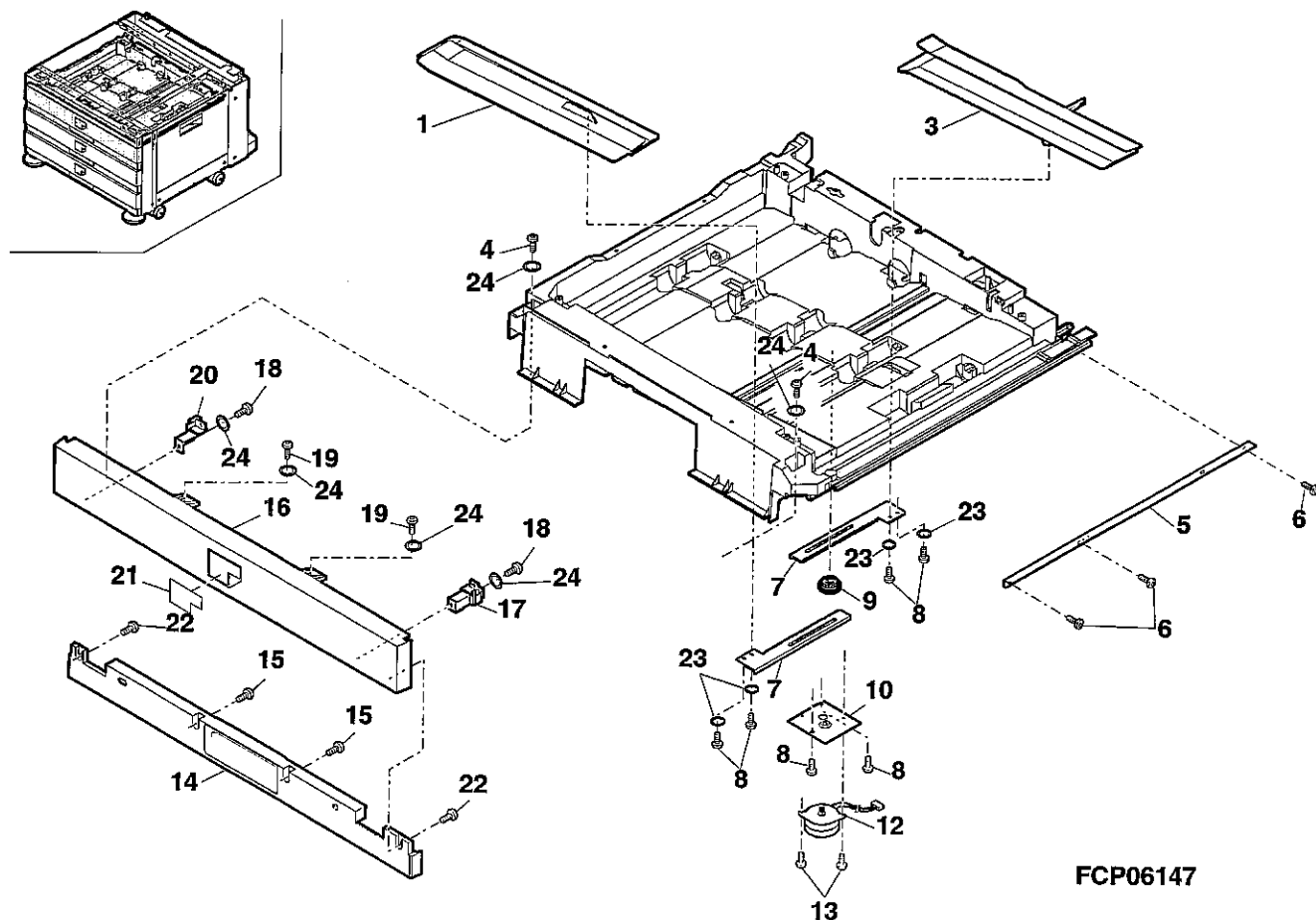


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11 ADU ユニット 1 (ADU unit 1)...AR-D19

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	PGIDM2002FCZZ	AZ	FX	N	C	Adjustment guide F [AR-D19] 整合ガイド F
3	PGIDM2003FCZZ	AW	FG	N	C	Adjustment guide R [AR-D19] 整合ガイド R
4	XEBSD40P12000	AA	DD		C	Screw(4x12) [AR-D19] ビス
5	LPLTM5416FCZZ	AH	DX		C	Tray reinforce plate right [AR-D19] トレイ補強板 右
6	XEBSE40P08000	AA	DD		C	Screw(4x8) [AR-D19] ビス
7	NGERR1230FCZZ	AF	DS		C	Rack [AR-D19] ラック
8	XEBSE30P10000	AA	DD		C	Screw(3x10) [AR-D19] ビス
9	NGERH1523FCZZ	AN	EG		C	Gear(18/50T) [AR-D19] ギヤ
10	LPLTM6068FCZZ	AL	EB	N	C	Adjustment motor fixing plate [AR-D19] 整合モーター取付板
12	RMOTS0887FCZZ	BD	GN	N	B	Adjustment motor(φ42) [AR-D19] 整合モーター
13	XHBSE30P08000	AA	DD		C	Screw(3x8) [AR-D19] ビス
14	PCOVP1643FCWZ	BB	GD	N	D	Tray handle cover DSK lower [AR-D19] トレイ取手カバー - DSK 下
15	XEBSD40P10000	AA	DD		C	Screw(3x10) [AR-D19] ビス
16	JHNDP0164FCZ3	BL	HL	N	D	Tray handle DSK upper [AR-D19] 550 トレイ取手 DSK 上
17	LSTPP0368FCZZ	AM	EG	N	C	ADU stopper R [AR-D19] ADU ストッパー 右
18	XEBSE40P12000	AA	DD		C	Screw(4x12) [AR-D19] ビス
19	XEBSE40P16000	AA	DD		C	Screw(4x16) [AR-D19] ビス
20	LSTPP0367FCZZ	AM	EG	N	C	ADU stopper L [AR-D19] ADU ストッパー 左
21	TLABZ4801FCZZ	AM	EG	N	D	ADU handle label J [AR-D19 Japan only] ADU 取手ラベル J
22	TLABZ4769FCZZ	AM	EG	N	D	ADU handle label [AR-D19 except Japan] ADU 取手ラベル
23	XEBSE40P08000	AA	DD		C	Screw(4x8) [AR-D19] ビス
24	LX-WZ0447FCZZ	AC	DD	N	C	Washer(M3) [AR-D19] 菊ワッシャー
	LX-WZ0444FCZZ	AD	DJ	N	C	Washer(M4) [AR-D19] 菊ワッシャー
	(Unit)					
901	DUNT-7278FCZZ	CQ	VJ	N	E	ADU UNIT [include section 12,13] ADU ユニット

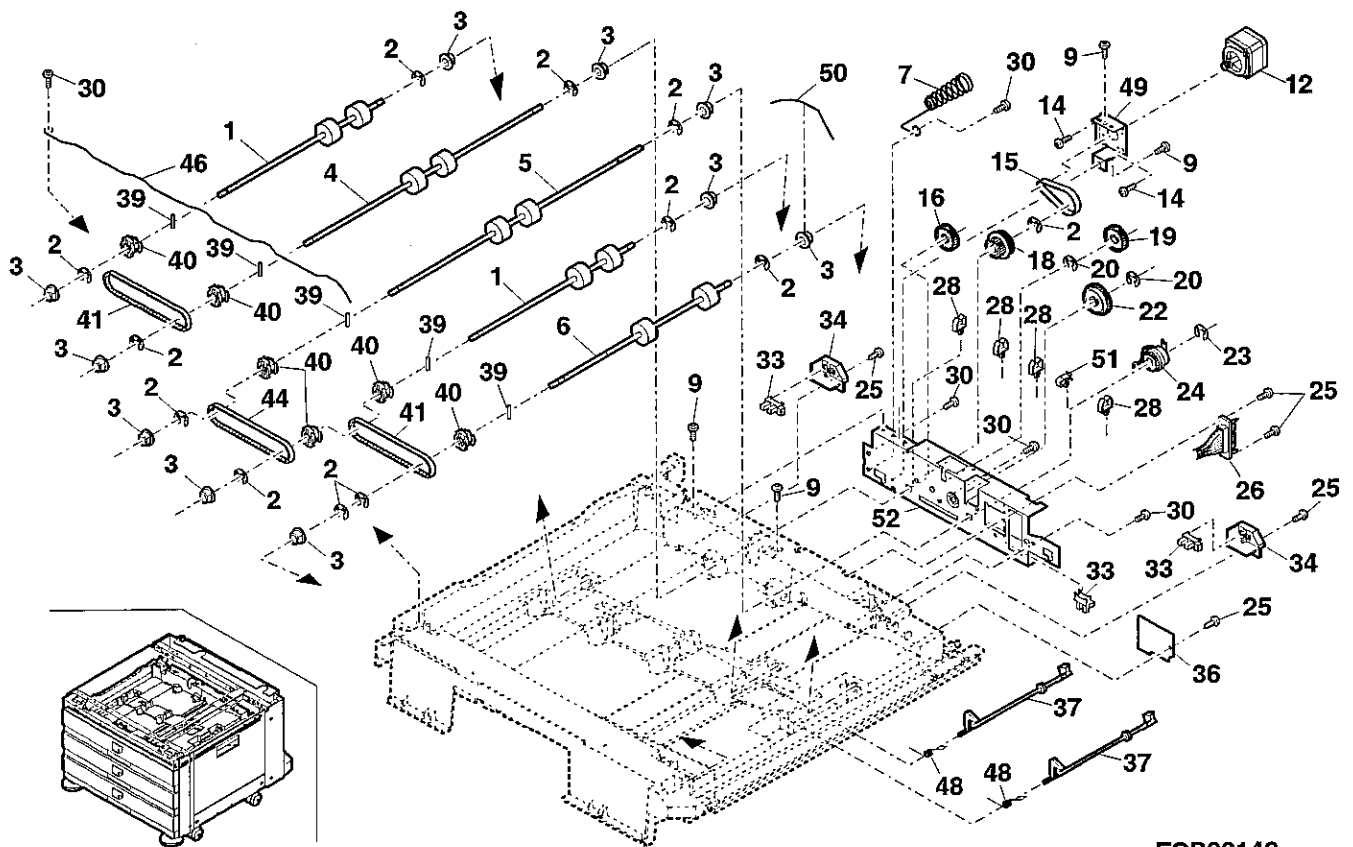
11 ADU ユニット 1 (ADU unit 1)...AR-D19



12 ADU ユニット 2 (ADU unit 2)...AR-D19

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	NR0LR1420FCZZ	AX	FG	N	B	ADU roller T4 [AR-D19] ADU ロラー T4
2	XRESP50-06000	AA	DD		C	E type ring [AR-D19] E リング
3	NBRGC0651FCZZ	AD	DJ		C	Bearing [AR-D19] 軸受
4	NR0LR1418FCZZ	BA	FX	N	B	ADU roller T2 [AR-D19] ADU ロラー T2
5	NR0LR1419FCZZ	AY	FQ	N	B	ADU roller T3 [AR-D19] ADU ロラー T3
6	NR0LR1421FCZZ	AY	FQ	N	B	ADU roller T5 [AR-D19] ADU ロラー T5
7	MSPRD3149FCZZ	AG	DX	N	B	ADU earth spring [AR-D19] ADU アーススプリング
9	XHBSE40P10000	AA	DD		C	Screw(4x10) [AR-D19] ビス
12	RM0TS0870FCZ1	BE	GN	N	B	ADU transport motor [AR-D19] ADU 搬送モーター WH
14	XBBSD30P06000	AA	DD		C	Screw(3x6) [AR-D19] ビス
15	NBLTH0385FCZZ	AL	EB	N	B	Belt(40S2M152) [AR-D19] ベルト
16	NGERH1522FCZZ	AV	FG	N	B	Oneway gear (22T) [AR-D19] 22T ワンウェイギヤ
18	NPLYZ0412FCZZ	AR	EQ	N	C	Gear pulley(22T/48P) [AR-D19] ギヤプーリー
19	NGERH1328FCZ1	AQ	EQ	N	C	Gear(30T) [AR-D19] ギヤ
20	XRESP70-08000	AA	DD		C	E type ring [AR-D19] E リング
22	NGERH1524FCZZ	AP	EQ	N	C	Gear(36T) [AR-D19] ギヤ
23	XRESP40-06000	AA	DD		C	E type ring [AR-D19] E リング
24	PCLC-0304FCZZ	AY	FQ		C	Paper feed clutch [AR-D19] MPF 給紙クラッチ
25	XEBSE30P10000	AA	DD		C	Screw(3x10) [AR-D19] ビス
26	DHAI-3390FCZZ	BF	GN	N	C	ADU drawer harness [AR-D19] ADU ドrawerハネス
28	LHLDW1009ACZZ	AA	DD		C	Clamp [AR-D19] クランプ
30	XEBSE40P12000	AA	DD		C	Screw(4x12) [AR-D19] ビス
33	VHPGP1A71L3-1	AG	DS		B	Photo sensor(GP1A71L3) [AR-D19] フォトセンサー
34	LHLDZ1542FCZZ	AH	DX	N	C	Sensor fixing holder [AR-D19] センサー取付ホルダー
36	CPWBF1539FC31	AV	FG	N	E	ADU relay PWB unit [AR-D19] ADU 中継基板 UN
37	MLEVP0873FCZZ	AN	EG	N	C	Transport actuator [AR-D19] 搬送アクチュエーター
39	LPINS0326FCZZ	AC	DJ		C	Spring pin(2x8(K)) [AR-D19] スプリングピン
40	NPLYZ0375FCZZ	AC	DJ		C	Pulley(22T) [AR-D19] プーリー
41	NBLTH0361FCZZ	AK	EB		B	Belt(40S2M244) [AR-D19] ベルト
44	NBLTH0386FCZZ	AN	EG	N	B	Belt(40S2M258) [AR-D19] ベルト
46	MSPRD3151FCZZ	AG	DX	N	B	Roller earth spring L [AR-D19] ロラーアーススプリング L
48	MSPRD3142FCZZ	AF	DS	N	C	Actuator return spring [AR-D19] アクチュエーター復帰スプリング
49	LPLTM6069FCZZ	AN	EQ	N	C	Main motor fixing plate [AR-D19] メインモーター取付板
50	MSPRD3148FCZZ	AG	DX	N	B	Roller earth spring [AR-D19] ロラーアーススプリング
51	LHLDW1013FCZZ	AB	DD		C	Cable holder [AR-D19] ケーブルホルダー
52	CFRM-1090FC01	BB	GD	N	D	Drive frame assy' [AR-D19] 駆動フレーム組品
(Unit)						
901	DUNT-7278FCZZ	CQ	VJ	N	E	ADU UNIT [include section 11,13] ADU ユニット

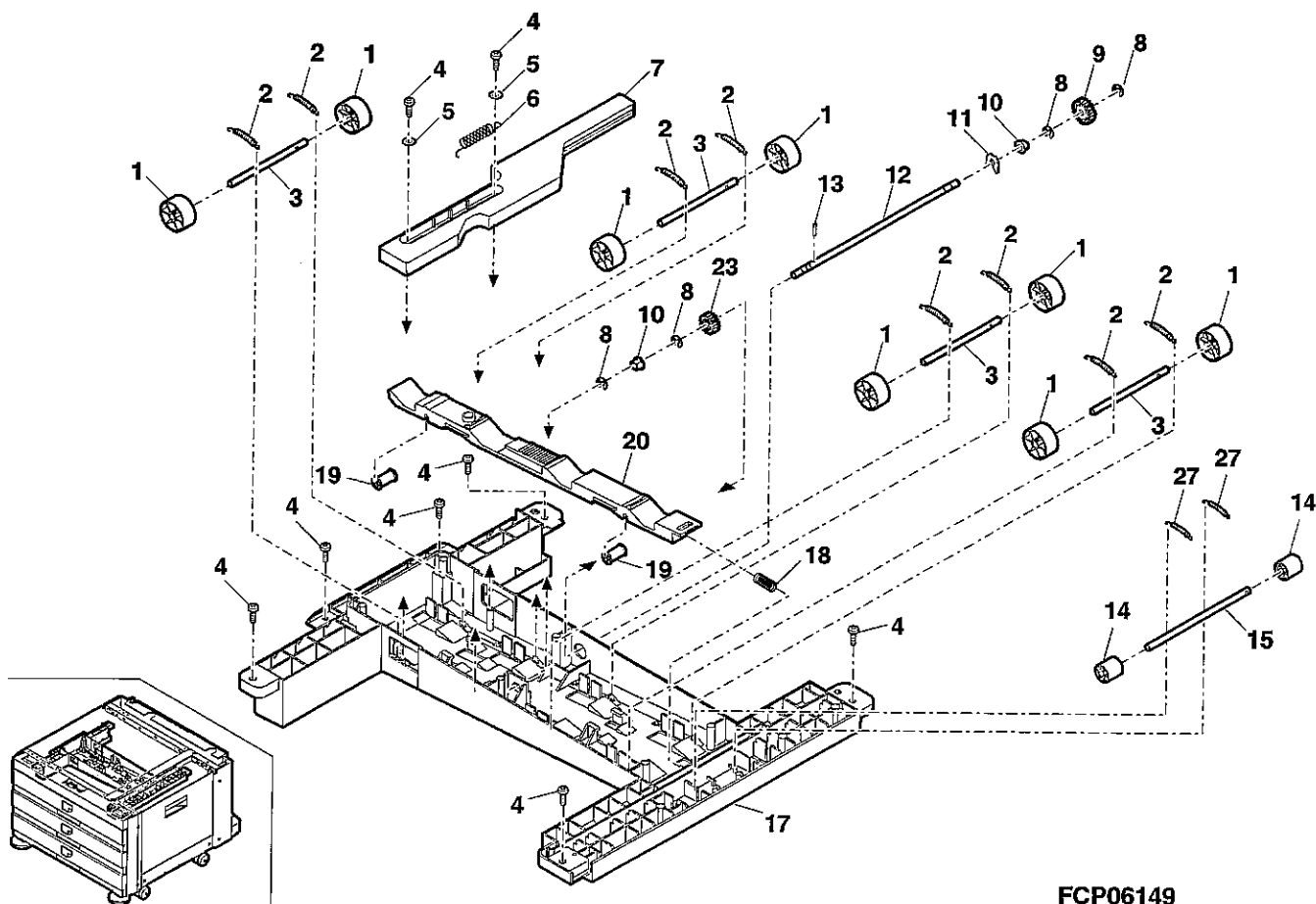
12 ADU ユニット 2 (ADU unit 2)...AR-D19



13 圧解ユニット (Pressure release unit)...AR-D19

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	0EUROL0334L//	AD	DJ		C	Delivery pressure release roller [AR-D19] 出紙圧解ローラー
2	MSPRT3143FCZZ	AF	DS	N	C	Follower spring [AR-D19] 従動スプリング
3	NSFTZ2726FCZZ	AS	EQ	N	C	Follower shaft [AR-D19] 従動軸
4	XEBSE40P12000	AA	DD		C	Screw(4x12) [AR-D19] ボス
5	XWHSE40-08120	AB	DD		C	Washer [AR-D19] ワッシャー
6	MSPRT3144FCZZ	AH	DX	N	C	Lever spring [AR-D19] レバースプリング
7	MLEVP0874FCZZ	AT	EZ	N	C	Pressure release lever [AR-D19] 圧解レバー
8	XRESP50-06000	AA	DD		C	E type ring [AR-D19] Eリング
9	NGERH1522FCZZ	AV	FG	N	B	Oneway gear (22T) [AR-D19] 22Tワンウェイギヤ
10	NBRGC0651FCZZ	AD	DJ		C	Bearing [AR-D19] 軸受
11	0EURNGE050-//	AB	DJ		C	E5 ring [AR-D19] ジュゼイリング E5
12	NSFTZ2728FCZZ	BB	GD	N	C	Pressure release shaft [AR-D19] 圧解軸
13	LPINS0133FCZZ	AA	DD		C	Pin(2x10) [AR-D19] ペイナピン
14	NROLP1356FCZZ	AG	DX		C	Follower roller D [AR-D19] 従動ローラー D
15	NSFTZ2727FCZZ	AX	FG	N	C	Follower shaft (T5) [AR-D19] 従動軸 T5
17	PGIDM2004FCZZ	BH	HC	N	C	Transport upper paper guide [AR-D19] 搬送上ペーパーガイド
18	MSPRC3145FCZZ	AG	DX	N	C	Slide spring [AR-D19] スライドスプリング
19	NROLP1347FCZZ	AF	DS		C	Delivery follower roller [AR-D19] MB 排紙従動ローラー
20	CARMP0300FC01	AX	FG	N	B	Pressure release slide arm assy [AR-D19] 圧解スライドアーム組品
23	NGERH0863FCZZ	AB	DD	N	C	Pick up roller gear(18T) [AR-D19] ピックアップローラギヤ
27	MSPRT3146FCZZ	AE	DS	N	C	Follower spring (T5) [AR-D19] 従動スプリング T5
(Unit)						
901	DUNT-7278FCZZ	CQ	VJ	N	E	ADU UNIT [include section 11,12] ADU ユニット

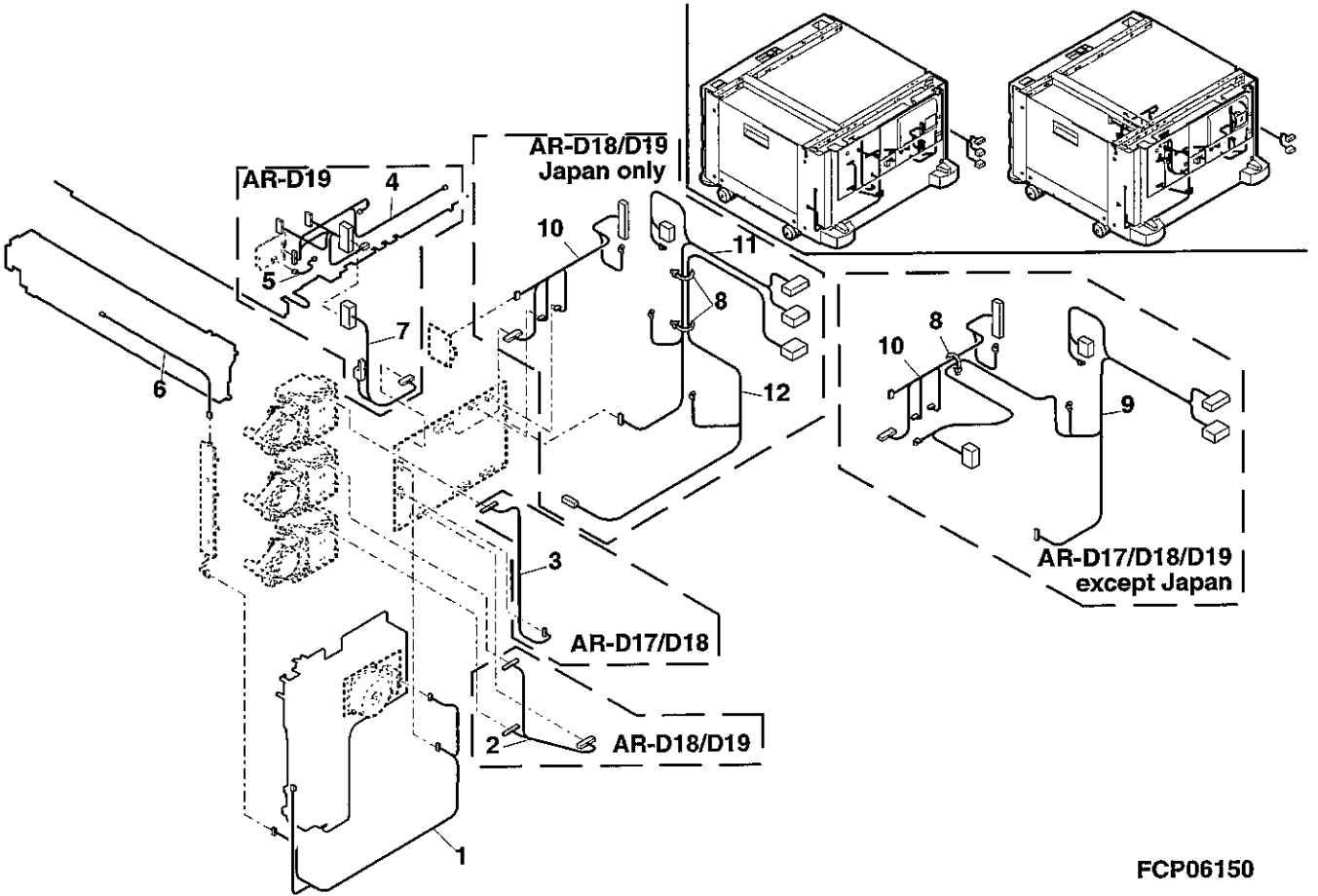
13 圧解ユニット (Pressure release unit)...AR-D19



14 配線 (Wiring)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex.	Ja.			
1	DHA i - 3375FCZZ	AU	EZ	N	C	Motor relay harness モーター中継ハ-ズ
2	DHA i - 3377FCZZ	AX	FG	N	C	2nd,3rd tray relay harness [AR-D18/D19] 2,3 段カセット中継ハ-ズ
3	DHA i - 3376FCZZ	AT	EZ	N	C	1st tray relay harness [AR-D17/D18] 1 段カセット中継ハ-ズ
4	DHA i - 3390FCZZ	BF	GN	N	C	ADU drawer harness [AR-D19] ADU ド-ワハ-ズ
5	DHA i - 3385FCZZ	AG	DS	N	C	ADU sensor harness 1 [AR-D19] ADU センサ-ハ-ズ 1
6	DHA i - 3378FCZZ	AG	DX	N	C	PFD harness PFD ハ-ズ
7	DHA i - 3389FCZZ	BF	GN	N	C	ADU body interface harness [AR-D19] ADU 本体接続ハ-ズ
8	LBNDJ0013FCZ1	AE	DJ		C	Wire band 結束バンド
9	DHA i - 3372FCZZ	BD	GN	N	C	OP DC power supply harness [except Japan] OP 電源ハ-ズ
10	DHA i - 3373FCZZ	BB	GD	N	C	BYPASS relay harness BYPASS 中継ハ-ズ
11	DHA i - 3447FCZZ	BB	GD	N	C	OP PS harness [Japan only] OP 電源ハ-ズ (J)
12	DHA i - 3440FCZZ	AU	FG	N	C	W heater harness [Japan only] W ヒーターハ-ズ

14 配線 (Wiring)



FCP06150

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PARTS CODE	JAPAN ONLY ORDER CODE	NO.	PRICE R.		NEW	P/R
			Ex.	Ja.		
【C】						
CARMP0300FC01	572 240 0468	13- 20	AX	FG	N	B
CCASP0173FC15	572 108 1287	10- 901	BG	GT		E
CCASP0173FC16	572 108 1288	10- 901	BG	GT		E
CCASP0173FC17	572 108 1284	10- 901	BF	GN		E
CCOVP1688FC01	572 110 1295	1- 20	AX	FG	N	C
CDAIU0577FC31	572 210 1041	7- 19	BE	GN		D
CFRM-1090FC01	572 213 2218	12- 52	BB	GD	N	D
CPLTM6060FC01	572 221 8108	2- 10	AT	EZ	N	B
CPWBF1256FC31	572 684 3038	4- 7	AT	EZ		E
CPWBF1539FC31	572 684 3987	12- 36	AV	FG	N	E
CPWBF1551FC31	572 684 4007	7- 9	AZ	FG	N	E
CPWBN1537FC31	572 684 3988	7- 13	BZ	TR	N	E
CPWBN1537FC32	572 684 3989	7- 13	BX	TF	N	E
CPWBN1537FC33	572 684 3990	7- 13	BY	TF	N	E
CROLR1427FC01	572 287 2353	4- 18	BD	GN	N	C
CSFTZ2484FC31	572 290 2293	9- 35	AU	EZ		E
CSFTZ2553FC01	572 290 2487	10- 29	AN	EG		C
【D】						
DHAI-2049FC11	572 542 1365	9- 21	AQ	EQ		C
DHAI-3372FCZZ	572 542 2233	14- 9	BD	GN	N	C
DHAI-3373FCZZ	572 542 2234	14- 10	BB	GD	N	C
DHAI-3375FCZZ	572 542 2235	14- 1	AU	EZ	N	C
DHAI-3376FCZZ	572 542 2236	14- 3	AT	EZ	N	C
DHAI-3377FCZZ	572 542 2237	14- 2	AX	FG	N	C
DHAI-3378FCZZ	572 542 2238	14- 6	AG	DX	N	C
DHAI-3385FCZZ	572 542 2243	14- 5	AG	DS	N	C
DHAI-3389FCZZ	572 542 2244	14- 7	BF	GN	N	C
DHAI-3390FCZZ	572 542 2245	12- 26	BF	GN	N	C
"	572 542 2245	14- 4	BF	GN	N	C
DHAI-3440FCZZ	572 542 2247	14- 12	AU	FG	N	C
"	572 542 2247	7- 34	AU	FG	N	C
DHAI-3447FCZZ	572 542 2248	14- 11	BB	GD	N	C
DUNT-6923FC12	572 685 1988	1- 29	BM	HR		E
"	572 685 1988	9- 901	BM	HR		E
DUNT-7278FCZZ	572 685 2221	11- 901	CQ	VJ	N	E
"	572 685 2221	12- 901	CQ	VJ	N	E
"	572 685 2221	13- 901	CQ	VJ	N	E
【G】						
GCAB-1003FCZZ	572 107 2127	1- 7	BU	NU	N	D
GCAB-1004FCZZ	572 107 2166	1- 5	BF	GN	N	D
GCAB-1005FCZZ	572 107 2128	1- 4	BV	RB	N	D
GCAB-1006FCZZ	572 107 2129	1- 8	BE	GN	N	D
GCAB-1007FCZZ	572 107 2130	1- 18	BF	GN	N	D
GCAB-1008FCZZ	572 107 2131	1- 13	BA	FX	N	D
GCASP0173FCZ2	572 108 1303	10- 39	BA	FX		D
GDOR-0029FCGZ	572 113 0082	3- 4	BP	LP	N	D
【J】						
JHNDP0164FCZ1	572 172 0219	1- 31	BG	GT	N	D
JHNDP0164FCZ3	572 172 0220	10- 1	BL	HL	N	D
"	572 172 0220	11- 16	BL	HL	N	D
【L】						
LANGH1415FCZZ	572 200 1459	2- 14	AL	EB	N	B
LANGJ1414FCZZ	572 200 1460	8- 8	AG	DX	N	C
LBNDJ0013FCZ1	572 201 0118	14- 8	AE	DJ		C
LBRC-0048FCZ3	572 203 0587	9- 24	AQ	EQ		C
LBSHZ1001ACZZ	596 204 0015	7- 32	AB	DD		C
LDAIU0576FCZZ	572 210 1046	10- 25	AG	DX		C
LFIX-0524FCZZ	572 211 0716	4- 10	AC	DJ		C
LHLDW1009ACZZ	541 214 5023	12- 28	AA	DD		C
"	541 214 5023	7- 22	AA	DD		C
LHLDW1013FCZZ	572 214 0640	12- 51	AB	DD		C
LHLDW1226FCZZ	572 214 1450	10- 40	AB	DJ		C
"	572 214 1450	8- 12	AB	DJ		C
LHLDW1490FCZZ	572 214 2191	1- 45	AD	DJ		C
"	572 214 2191	7- 20	AD	DJ		C
LHLDZ1363FCZZ	572 214 1781	1- 15	AD	DJ		C
LHLDZ1364FCZZ	572 214 1782	1- 16	AD	DJ		C
LHLDZ1377FCZZ	572 214 1795	10- 36	AD	DJ		C
LHLDZ1541FCZZ	572 214 2323	4- 21	AL	EB	N	C
"	572 214 2323	5- 14	AL	EB	N	C
LHLDZ1542FCZZ	572 214 2324	12- 34	AH	DX	N	C
LPINS0133FCZZ	572 218 0086	13- 13	AA	DD		C
LPINS0155FCZZ	572 218 0052	6- 15	AA	DD		C
LPINS0165FCZZ	572 218 0087	5- 3	AB	DD		C
LPINS0317FCZZ	572 218 0537	9- 18	AB	DJ		C
LPINS0326FCZZ	572 218 0604	12- 39	AC	DJ		C
LPINS07062SCZZ	577 218 0001	10- 43	AA	DD		C
LPLTM4057FCZ2	572 221 7315	9- 25	AH	DX		C

PARTS CODE	JAPAN ONLY ORDER CODE	NO.	PRICE R.		NEW	P/R
			Ex.	Ja.		
LPLTM4057FCZZ	572 221 4309	9- 42	AF	DS		C
LPLTM5414FCZ1	572 221 7959	10- 6	AR	EQ		C
LPLTM5416FCZZ	572 221 6712	10- 34	AH	DX		C
"	572 221 6712	11- 5	AH	DX		C
LPLTM5457FCZZ	572 221 6746	9- 33	AE	DJ		C
LPLTM5953FCZZ	572 221 7752	9- 44	AE	DJ		C
LPLTM6055FCZZ	572 221 8110	2- 38	AN	EQ	N	C
LPLTM6057FCZZ	572 221 8111	1- 42	AS	EZ	N	C
LPLTM6058FCZZ	572 221 8112	1- 40	AS	EZ	N	C
LPLTM6059FCZZ	572 221 8113	7- 8	AT	EZ	N	C
LPLTM6068FCZZ	572 221 8115	11- 10	AL	EB	N	C
LPLTM6069FCZZ	572 221 8116	12- 49	AN	EQ	N	C
LPLTM6070FCZZ	572 221 8117	7- 26	AR	EQ	N	C
LPLTM6099FCZZ	572 221 8118	7- 1	AS	EQ	N	C
LPLTP5411FCZZ	572 221 6755	10- 13	AQ	EQ		C
LPLTP5412FCZZ	572 221 6756	10- 5	AP	EQ		C
LPLTP5413FCZZ	572 221 6757	10- 16	AF	DS		C
LPLTP5831FCZ1	572 221 8080	2- 18	AP	EQ		C
LRALM0203FCZZ	572 223 0297	2- 39	AZ	FQ	N	C
LSTPP0275FCZZ	572 230 0327	3- 5	AE	DS		C
LSTPP0279FCZZ	572 230 0323	9- 6	AB	DD		C
LSTPP0314FCZZ	572 230 0395	10- 23	AA	DJ		C
LSTPP0344FCZZ	572 230 0473	1- 26	AC	DJ		C
LSTPP0345FCZZ	572 230 0474	1- 22	AC	DJ		C
LSTPP0367FCZZ	572 230 0535	11- 20	AM	EG	N	C
LSTPP0368FCZZ	572 230 0536	11- 17	AM	EG	N	C
LSTYM0304FCZZ	572 231 0588	2- 1	BA	FX	N	C
LSTYP0229FCZ1	572 231 0422	4- 6	AX	FG		C
LSTYP0299FCZZ	572 231 0589	5- 1	BA	FX	N	C
LX-BZ0174FCZZ	509 970 5001	2- 35	AB	DD		C
LX-BZ0329FCZZ	572 970 0208	1- 43	AB	DD		C
LX-BZ0531FCZZ	572 970 0220	10- 37	AA	DD		C
LX-BZ0583FCZZ	572 970 0135	7- 27	AB	DD		C
LX-BZ0670FCZZ	572 970 1361	6- 3	AC	DD		C
LX-BZ0833FCZZ	572 970 1816	10- 22	AC	DD		C
LX-BZ0884FCZZ	572 970 1964	10- 8	AB	DD		C
LX-BZ0927FCZZ	572 970 2305	2- 12	AG	DS		C
LX-BZ3008SC0M	572 970 0011	6- 1	AA	DD		C
LX-WZ0443FCZZ	572 990 0540	7- 33	AB	DD		C
LX-WZ0444FCZZ	572 990 0542	11- 24	AD	DJ	N	C
LX-WZ0446FCZZ	572 990 0543	2- 2	AF	DS	N	C
LX-WZ0447FCZZ	572 990 0544	11- 23	AC	DD	N	C
LX-WZ2028SCZZ	509 990 5003	4- 14	AA	DD		C
【M】						
MARMP0250FCZZ	572 240 0311	9- 19	AC	DJ		C
MLEVP0588FCZZ	572 248 0698	9- 16	AB	DD		C
MLEVP0601FCZZ	572 248 0701	9- 29	AC	DJ		C
MLEVP0695FCZZ	572 248 0881	9- 28	AC	DJ		C
MLEVP0754FCZZ	572 248 1063	10- 18	AF	DS		C
MLEVP0755FCZ1	572 248 1206	10- 14	AE	DJ		C
MLEVP0758FCZZ	572 248 1066	4- 23	AE	DJ		C
MLEVP0759FCZZ	572 248 1067	4- 4	AD	DJ		C
MLEVP0761FCZZ	572 248 1069	9- 7	AD	DJ		C
MLEVP0762FCZZ	572 248 1070	9- 10	AD	DJ		C
MLEVP0873FCZZ	572 248 1459	12- 37	AN	EG	N	C
MLEVP0874FCZZ	572 248 1460	13- 7	AT	EZ	N	C
MLEVP0876FCZZ	572 248 1461	5- 23	AH	DX	N	C
MSPRC2631FCZZ	572 258 2943	10- 15	AC	DJ		C
MSPRC2633FCZZ	572 258 2944	4- 12	AB	DJ		C
MSPRC2636FCZZ	572 258 2947	4- 3	AB	DJ		C
MSPRC2640FCZZ	572 258 2951	10- 17	AC	DJ		C
MSPRC2642FCZ1	572 258 3297	10- 26	AB	DJ		C
MSPRC2658FCZZ	572 258 2882	9- 14	AC	DJ		C
MSPRC2669FCZZ	572 258 2971	10- 33	AB	DJ		C
MSPRC2674FCZZ	572 258 2973	9- 34	AC	DJ		C
MSPRC2699FCZZ	572 258 2982	9- 17	AC	DJ		C
MSPRC2764FCZZ	572 258 3361	3- 2	AC	DJ		C
MSPRC3130FCZZ	572 258 4097	5- 21	AD	DJ	N	C
MSPRC3145FCZZ	572 258 4099	13- 18	AG	DX	N	C
MSPRC3147FCZZ	572 258 4100	7- 30	AG	DS	N	C
MSPRD3129FCZZ	572 258 4103	4- 24	AG	DX	N	B
MSPRD3142FCZZ	572 258 4105	12- 48	AF	DS	N	C
MSPRD3148FCZZ	572 258 4106	12- 50	AG	DX	N	B
MSPRD3149FCZZ	572 258 4107	12- 7	AG	DX	N	B
MSPRD3150FCZZ	572 258 4108	5- 24	AE	DS	N	C
MSPRD3151FCZZ	572 258 4109	12- 46	AG	DX	N	B
MSPRP2362FCZZ	572 258 2378	9- 26	AC	DJ		C
MSPRP3126FCZZ	572 258 4110	5- 16	AM	EG	N	C
MSPRT3128FCZZ	572 258 4112	3- 10	AF	DS	N	C
MSPRT3143FCZZ	572 258 4115	13- 2	AF	DS	N	C
MSPRT3144FCZZ	572 258 4116	13- 6	AH	DX	N	C

PARTS CODE	JAPAN ONLY ORDER CODE	NO.	PRICE R.		NEW	P/R
			Ex.	Ja.		
MSPRT3146FCZZ	572 258 4117	13- 27	AE	DS	N	C
[N]						
NBLTH0361FCZZ	572 271 0719	12- 41	AK	EB		B
NBLTH0385FCZZ	572 271 0837	12- 15	AL	EB	N	B
NBLTH0386FCZZ	572 271 0838	12- 44	AN	EG	N	B
NBRGC0504FCZZ	572 272 0467	6- 4	AC	DJ		C
NBRGC0651FCZZ	572 272 0722	12- 3	AD	DJ		C
"	572 272 0722	13- 10	AD	DJ		C
NBRGP0191FCZZ	572 272 0028	4- 16	AB	DD		C
"	572 272 0028	5- 10	AB	DD		C
NBRGP0549FCZZ	572 272 0529	9- 12	AC	DJ		C
NBRGP0626FCZZ	572 272 0678	10- 30	AC	DJ		C
NGERH0193FCZZ	572 281 0318	10- 10	AB	DD		C
NGERH0209FCZ1	572 281 0329	6- 17	AB	DD		C
NGERH0852FCZZ	572 281 0974	6- 14	AE	DJ		C
NGERH0863FCZZ	572 281 0941	13- 23	AB	DD	N	C
NGERH1246FCZZ	572 281 1589	6- 25	AE	DS		C
NGERH1263FCZZ	572 281 1606	9- 2	AC	DJ		C
NGERH1274FCZZ	572 281 1610	9- 5	AC	DJ		C
NGERH1275FCZZ	572 281 1611	9- 9	AM	EG		C
NGERH1328FCZ1	572 281 2336	12- 19	AO	EQ	N	C
NGERH1328FCZZ	572 281 1875	6- 12	AD	DJ		C
NGERH1403FCZZ	572 281 2172	6- 10	AG	DX		C
NGERH1522FCZZ	572 281 2311	12- 16	AV	FG	N	B
"	572 281 2311	13- 9	AV	FG	N	B
NGERH1523FCZZ	572 281 2312	11- 9	AN	EG		C
NGERH1524FCZZ	572 281 2313	12- 22	AP	EQ	N	C
NGERH1527FCZZ	572 281 2314	6- 8	AN	EQ	N	B
NGERK1272FCZ1	572 281 1834	10- 27	AF	DS		C
NGERR1230FCZZ	572 281 1675	11- 7	AF	DS		C
NPLYZ0282FCZZ	572 284 0495	5- 4	AC	DJ		C
NPLYZ0375FCZZ	572 284 0818	12- 40	AC	DJ		C
NPLYZ0412FCZZ	572 284 0869	12- 18	AR	EQ	N	C
NRÖLP0896FCZZ	572 287 1092	3- 8	AC	DD		C
NRÖLP1347FCZZ	572 287 2240	13- 19	AF	DS		C
NRÖLP1351FCZZ	572 287 2211	2- 34	AG	DX		C
NRÖLP1356FCZZ	572 287 2212	13- 14	AG	DX		C
"	572 287 2212	5- 17	AG	DX		C
NRÖLR1218FCZZ	572 287 1736	9- 8	AL	EB		C
NRÖLR1219FCZZ	572 287 1737	9- 1	AL	EB		C
NRÖLR1229FCZZ	572 287 1745	9- 32	AL	EB		C
NRÖLR1418FCZZ	572 287 2358	12- 4	BA	FX	N	B
NRÖLR1419FCZZ	572 287 2359	12- 5	AY	FQ	N	B
NRÖLR1420FCZZ	572 287 2360	12- 1	AX	FG	N	B
NRÖLR1421FCZZ	572 287 2361	12- 6	AY	FQ	N	B
NRÖLR1426FCZZ	572 287 2365	5- 12	AY	FQ	N	B
NSFTZ2462FCZZ	572 290 2312	4- 2	AG	DX		C
NSFTZ2467FCZZ	572 290 2317	10- 24	AF	DS		C
NSFTZ2483FCZZ	572 290 2328	9- 3	AE	DS		C
NSFTZ2538FCZZ	572 290 2525	3- 9	AG	DX		C
NSFTZ2609FCZZ	572 290 2613	9- 13	AP	EQ		C
NSFTZ2718FCZZ	572 290 2884	6- 6	AT	EZ	N	C
NSFTZ2726FCZZ	572 290 2887	13- 3	AS	EQ	N	C
NSFTZ2727FCZZ	572 290 2888	13- 15	AX	FG	N	C
NSFTZ2728FCZZ	572 290 2889	13- 12	BB	GD	N	C
NSFTZ2731FCZZ	572 290 2891	2- 17	AS	EQ	N	C
NSFTZ2732FCZZ	572 290 2892	2- 29	AS	EQ	N	C
[P]						
PCLC-0301FCZZ	572 316 0374	9- 23	AU	FG		B
PCLC-0304FCZZ	572 316 0393	12- 24	AY	FQ		C
PCLR-0442FCZZ	572 318 0491	4- 19	AD	DJ		C
"	572 318 0491	5- 13	AD	DJ		C
PCLR-0450FCZZ	572 318 0529	4- 9	AD	DJ		C
PCÖVP1643FCWZ	572 323 2353	11- 14	BB	GD	N	D
"	572 323 2353	1- 41	BB	GD	N	D
PCÖVP1643FCZ1	572 323 2336	10- 2	AU	EZ	N	D
PCÖVP1689FCZZ	572 323 2317	1- 2	BG	GT	N	D
PFTA-0142FCZZ	572 344 0116	8- 9	AE	DS	N	D
PGIDH1833FCZ1	572 345 3731	10- 11	AC	DJ		C
PGIDM1802FCZZ	572 345 2967	4- 26	AK	DX		C
PGIDM1825FCZ2	572 345 3395	9- 30	AM	EG		C
PGIDM1994FCZZ	572 345 3881	4- 1	AY	FQ	N	C
PGIDM1995FCZZ	572 345 3882	5- 22	AZ	FX	N	C
PGIDM2002FCZZ	572 345 3888	11- 1	AZ	FX	N	C
PGIDM2003FCZZ	572 345 3889	11- 3	AW	FG	N	C
PGIDM2004FCZZ	572 345 3890	13- 17	BH	HC	N	C
PGIDM2005FCZZ	572 345 3891	2- 33	AZ	FX	N	C
PSHEZ3130FCZZ	572 403 2466	10- 7	AB	DD		C
PTPE-0243FCZ1	572 423 0239	10- 12	AC	DJ		C
[Q]						
QSW-M0518FCZZ	572 530 0644	7- 24	AH	DX		B

PARTS CODE	JAPAN ONLY ORDER CODE	NO.	PRICE R.		NEW	P/R
			Ex.	Ja.		
[R]						
RHETP0092FCZZ	572 623 0102	1- 49	BE	GN	N	B
RMÖTP0892FCZZ	572 630 1113	7- 16	BU	NN	N	B
RMÖTS0870FCZ1		12- 12	BE	GN	N	B
RMÖTS0887FCZZ	572 630 1115	11- 12	BD	GN	N	B
RPLU-0327FCZ1	572 647 0363	9- 20	AQ	EQ		B
[S]						
SPAK-545ECCZZ	500 900 0006	8- 11	AA	DD		D
SPAKA6354FCZZ	572 902 1698	8- 5	BK	HC	N	D
SPAKA6355FCZZ	572 902 1699	8- 3	AW	FG	N	D
SPAKA6356FCZZ	572 902 1700	8- 2	AX	FG	N	D
SPAKA6438FCZZ	572 902 1703	8- 14	AB	DJ	N	D
SPAKA6439FCZZ	572 902 1704	8- 15	AC	DJ	N	D
SPAKC6353FCZZ	572 901 1887	8- 1	BG	GT	N	D
SPAKC6372FC11	572 901 1889	8- 1	BG	GT	N	D
SPAKC6372FCZZ	572 901 1888	8- 1	BG	GT	N	D
SPAKC6374FC11	572 901 1892	8- 1	BG	GT	N	D
SPAKC6374FCZZ	572 901 1891	8- 1	BG	GT	N	D
SSAKA0006UCZZ	541 906 1016	8- 7	AA	DD		D
[T]						
TCADZ1275FCZZ	572 913 0734	10- 41	AB	DJ		D
"	572 913 0734	8- 13	AB	DJ		D
TCAUH1035FCZZ	572 914 0672	1- 50	AC	DJ		D
TLABZ4241FCZZ	572 917 3234	10- 32	AD	DJ		C
TLABZ4242FCZZ	572 917 3314	10- 32	AD	DJ		C
TLABZ4243FCZZ	572 917 3315	10- 32	AD	DJ		C
TLABZ4752FCZZ	572 917 3694	10- 44	AD	DJ	N	D
TLABZ4769FCZZ	572 917 3676	11- 21	AM	EG	N	D
TLABZ4801FCZZ	572 917 3677	11- 21	AM	EG	N	D
[V]						
VHPGP1A71A1-1	572 574 0114	9- 15	AG	DX		B
VHPGP1A71L3-1	572 568 0153	12- 33	AG	DS		B
"	572 568 0153	5- 25	AG	DS		B
[X]						
XBBSD30P06000	541 970 5028	12- 14	AA	DD		C
XBBSD30P14000	572 970 0623	7- 23	AA	DD		C
XBBSE30P06000	595 970 0127	7- 14	AA	DD		C
XBPSD30P08ES0	572 970 2571	5- 9	AB	DD	N	C
XBPSD40P08K00	541 970 1106	7- 35	AA	DD		C
XBPSD40P35000	571 970 0444	5- 26	AA	DD		C
XEBSD30P10000	578 970 0106	4- 8	AA	DD		C
XEBSD30P12000	572 970 0571	4- 20	AA	DD		C
"	572 970 0571	5- 15	AA	DD		C
"	572 970 0571	9- 22	AA	DD		C
XEBSD40P08000	572 970 0587	10- 21	AA	DD		C
XEBSD40P10000	572 970 0588	10- 3	AA	DD		C
"	572 970 0588	11- 15	AA	DD		C
"	572 970 0588	1- 51	AA	DD		C
"	572 970 0588	9- 31	AA	DD		C
XEBSD40P12000	578 970 0084	11- 4	AA	DD		C
"	578 970 0084	3- 3	AA	DD		C
XEBSE30P06000	578 970 0082	4- 11	AA	DD		C
XEBSE30P10000	595 970 0122	11- 8	AA	DD		C
"	595 970 0122	12- 25	AA	DD		C
XEBSE40P08000	572 970 1505	10- 4	AA	DD		C
"	572 970 1505	11- 22	AA	DD		C
"	572 970 1505	11- 6	AA	DD		C
"	572 970 1505	1- 33	AA	DD		C
XEBSE40P12000	572 970 1447	11- 18	AA	DD		C
"	572 970 1447	12- 30	AA	DD		C
"	572 970 1447	13- 4	AA	DD		C
"	572 970 1447	5- 29	AA	DD		C
XEBSE40P16000	572 970 1616	11- 19	AA	DD		C
"	572 970 1616	1- 23	AA	DD		C
XBSF30P08000	577 970 0058	9- 27	AA	DD		C
XHBSD30P06000	541 970 1017	7- 10	AA	DD		C
XHBSE30P04000	595 970 0160	1- 48	AA	DD		C
XHBSE30P08000	595 970 0163	11- 13	AA	DD		C
XHBSE40P08000	572 970 0539	9- 43	AA	DD		C
XHBSE40P10000	595 970 0167	1- 1	AA	DD		C
"	595 970 0167	12- 9	AA	DD		C
"	595 970 0167	2- 4	AA	DD		C
"	595 970 0167	4- 25	AA	DD		C
"	595 970 0167	7- 6	AA	DD		C
"	595 970 0167	8- 10	AA	DD		C
XHBSE40P12000	572 970 1585	1- 3	AA	DD		C
XNGSD40-24000	567 980 0016	7- 25	AA	DD		C
XRESP30-05000	571 399 0017	4- 5	AA	DD		C
XRESP40-06000	509 399 5001	12- 23	AA	DD		C
XRESP50-06000	572 399 0063	12- 2	AA	DD		C
"	572 399 0063	13- 8	AA	DD		C

Memo

Handwriting practice lines consisting of 20 horizontal dashed lines.

Memo

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

注意

- ・電池を正しく交換しないと爆発を起こす危険がある。
- ・機器製造者が指定したものと同一型名のもの、又は、その同等の電池とのみ交換すること。
- ・使用済みの電池は、製造者の指示に従って処分すること。

CAUTION FOR BATTERY REPLACEMENT

(Danish) ADVARSEL !

Lithiumbatteri – Eksplosionsfare ved fejlagtig håndtering.
Udskiftning må kun ske med batteri
af samme fabrikat og type.
Levér det brugte batteri tilbage til leverandoren.

(English) Caution !

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type
recommended by the manufacturer.
Dispose of used batteries according to manufacturer's instructions.

(Finnish) VAROITUS

Paristo voi räjähtää, jos se on virheellisesti asennettu.
Vaihda paristo ainoastaan laitevalmistajan suosittelemaan
tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden
mukaisesti.

(French) ATTENTION

Il y a danger d'explosion s' il y a remplacement incorrect
de la batterie. Remplacer uniquement avec une batterie du
même type ou d'un type équivalent recommandé par
le constructeur.
Mettre au rebut les batteries usagées conformément aux
instructions du fabricant.

(Swedish) VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en ekvivalent
typ som rekommenderas av apparattillverkaren.
Kassera använt batteri enligt fabrikantens
instruktion.

(German) Achtung

Explosionsgefahr bei Verwendung inkorrektter Batterien.
Als Ersatzbatterien dürfen nur Batterien vom gleichen Typ oder
vom Hersteller empfohlene Batterien verwendet werden.
Entsorgung der gebrauchten Batterien nur nach den vom
Hersteller angegebenen Anweisungen.

CAUTION FOR BATTERY DISPOSAL

(For USA, CANADA)

Contains lithium-ion battery. Must be disposed of properly.
Remove the battery from the product and contact
federal or state environmental
agencies for information on recycling and disposal options.

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SHARP CORPORATION
Digital Document System Group
Products Quality Assurance Department
Yamatokoriyama, Nara 639-1186, Japan
2003 March Printed in Italy